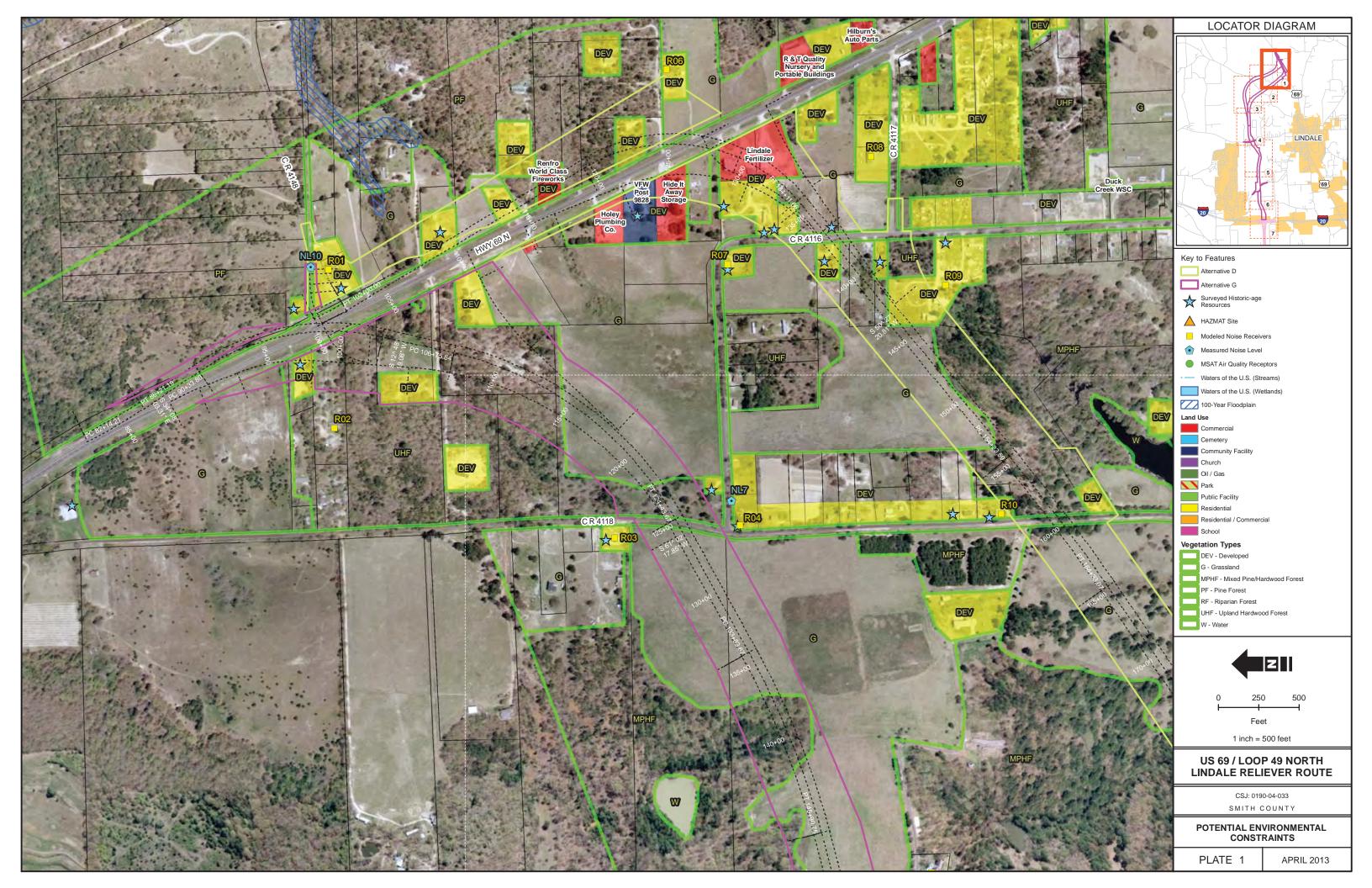
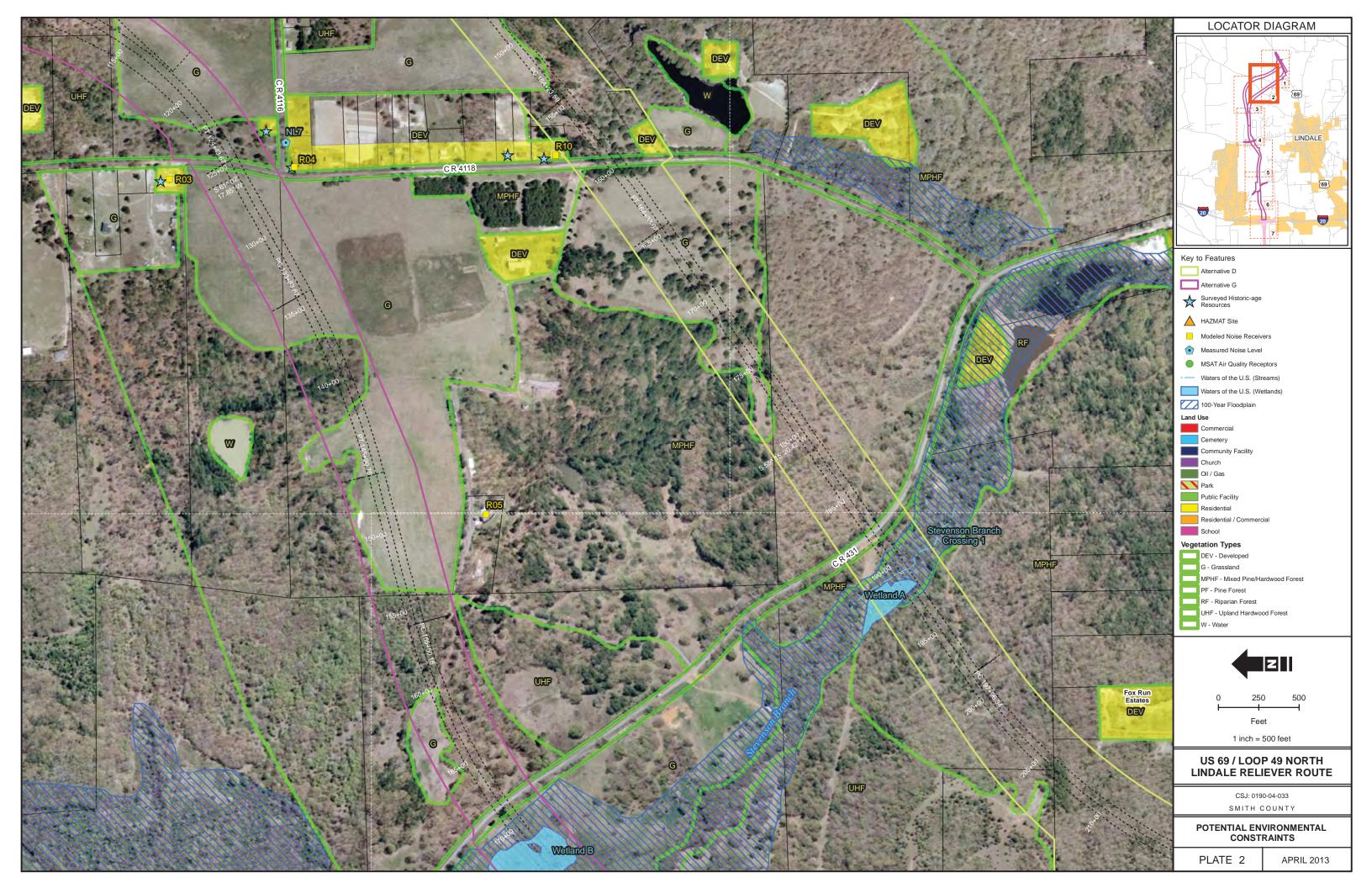
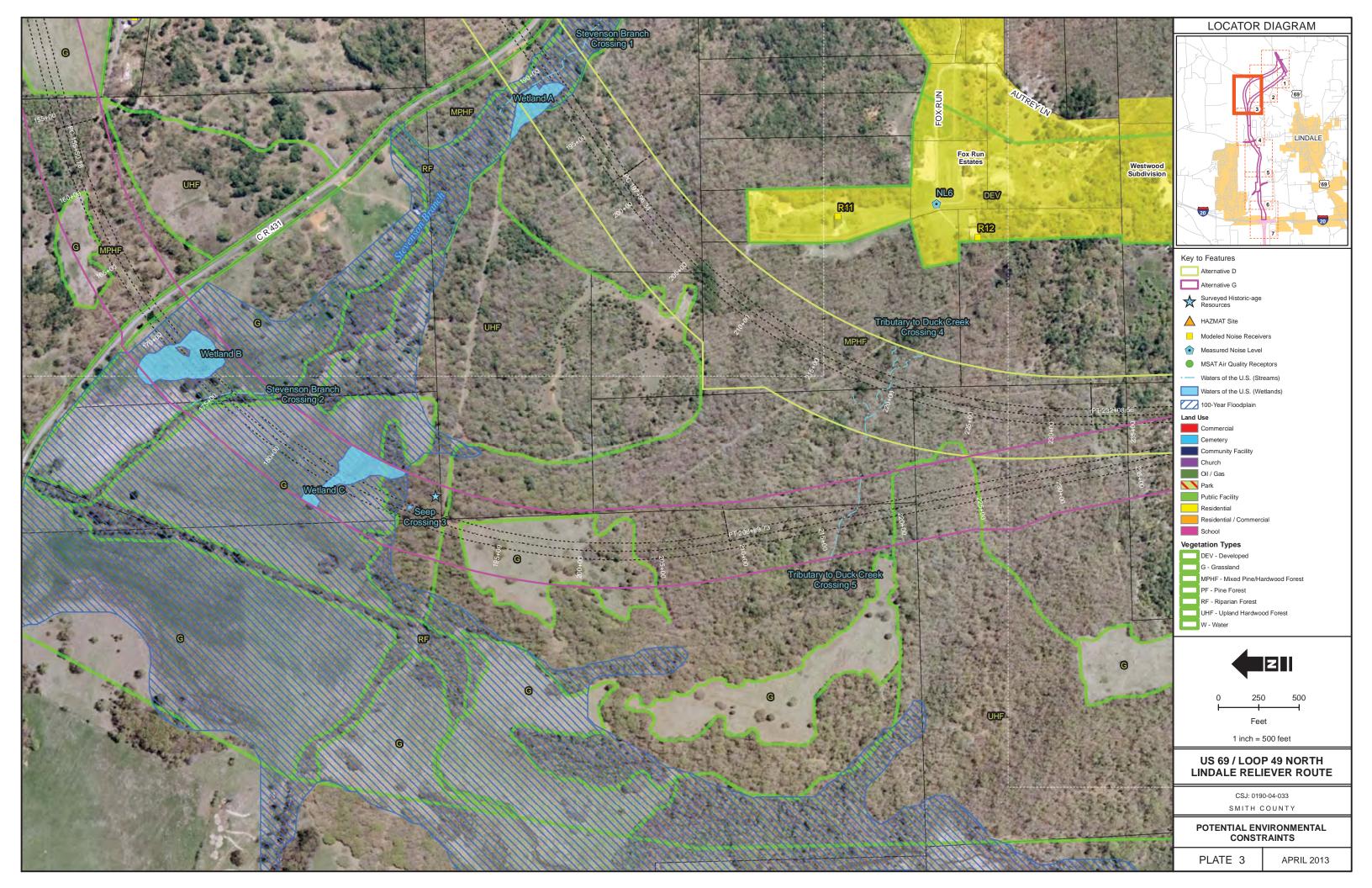
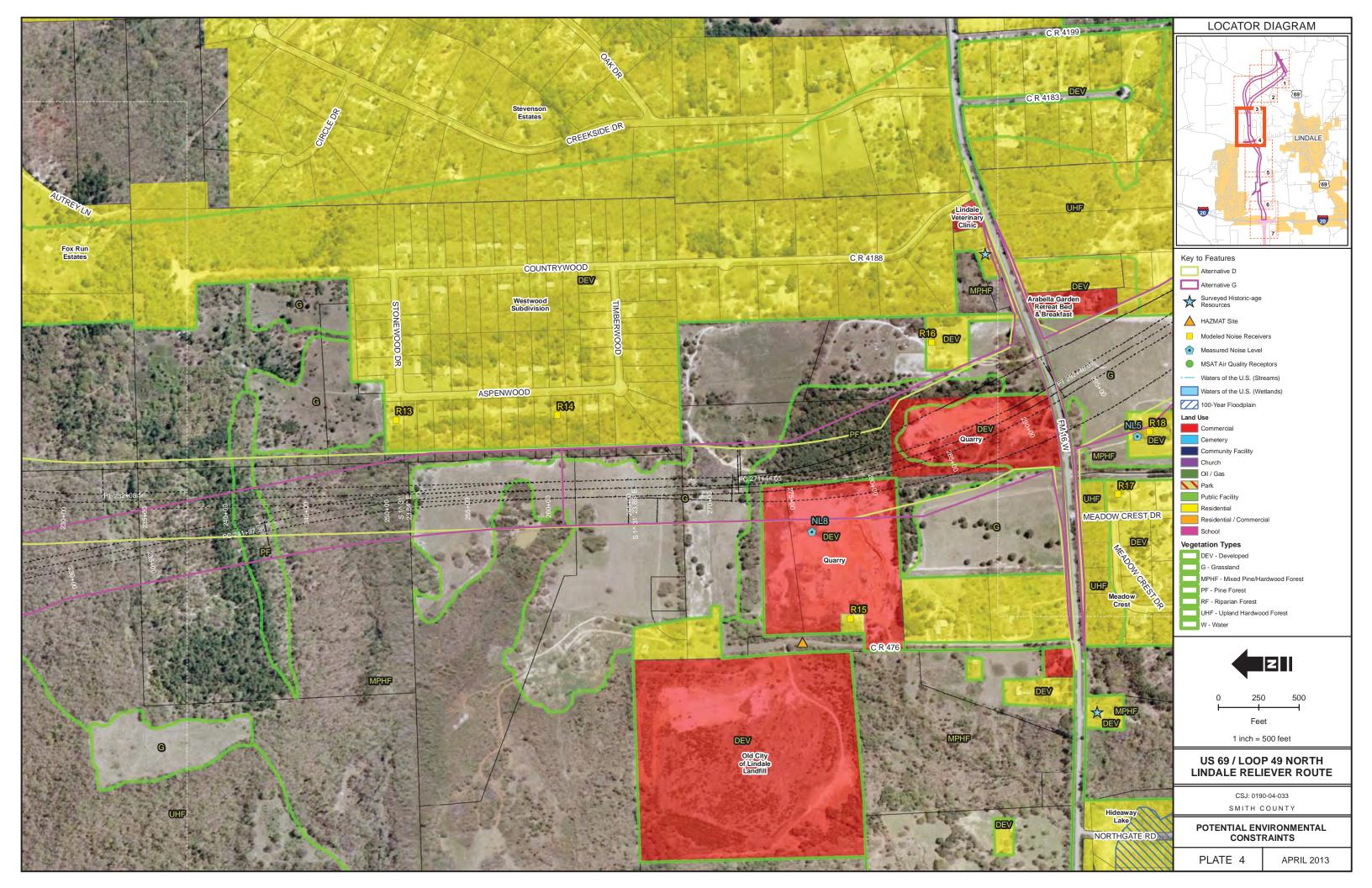
APPENDIX A

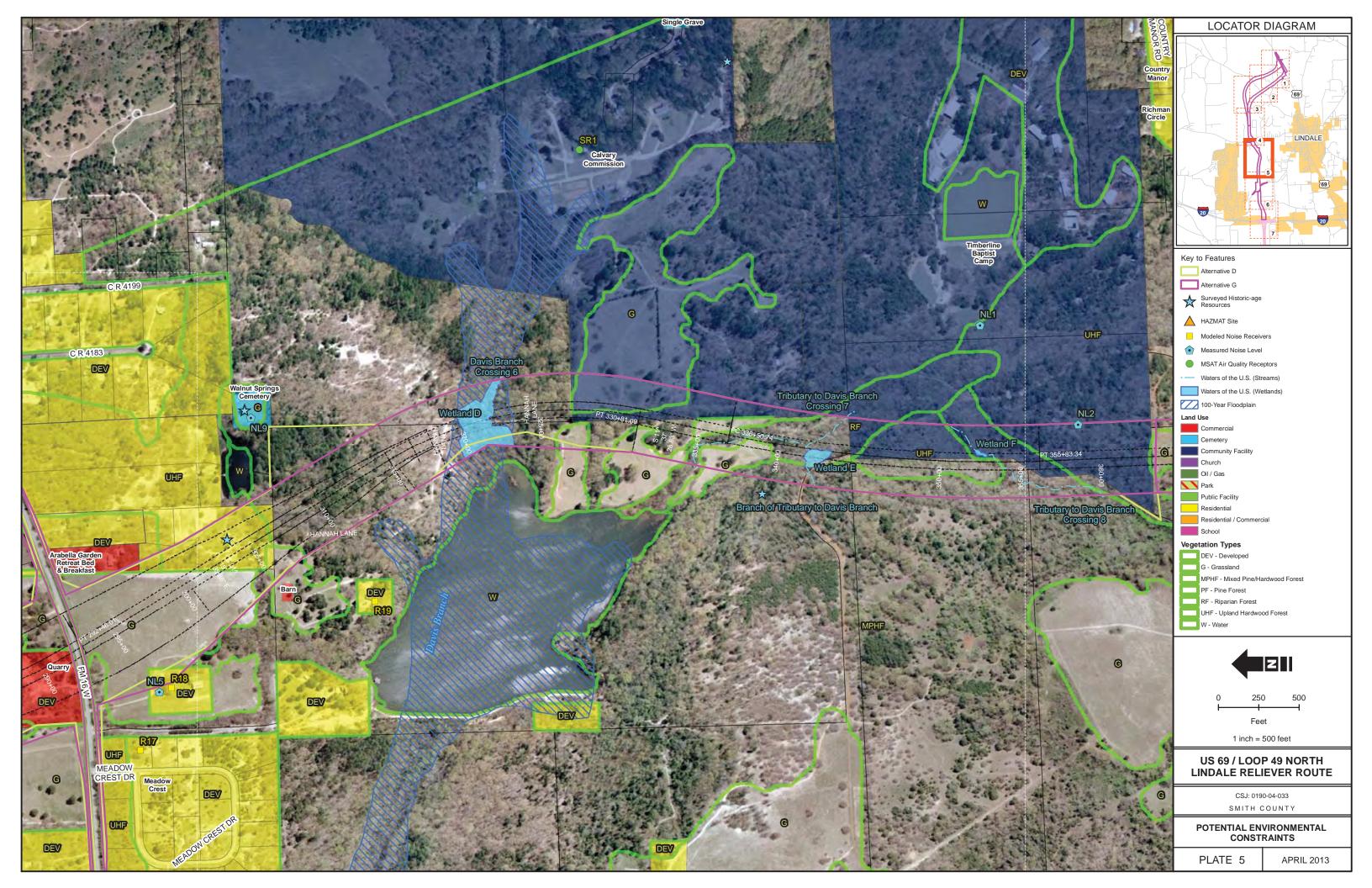
POTENTIAL ENVIRONMENTAL CONSTRAINTS & RESIDENTIAL AND COMMERCIAL DISPLACEMENTS PLATES

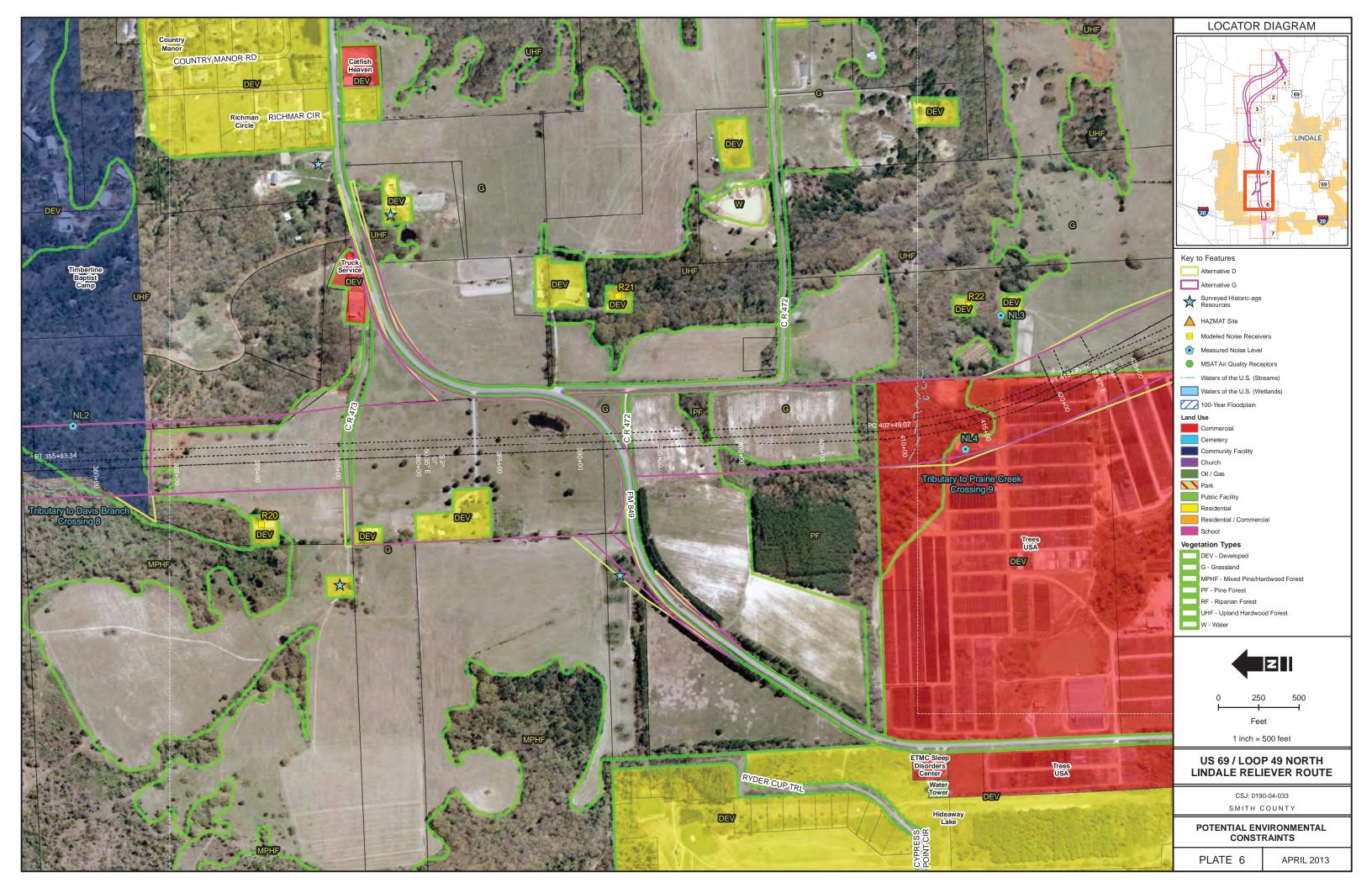


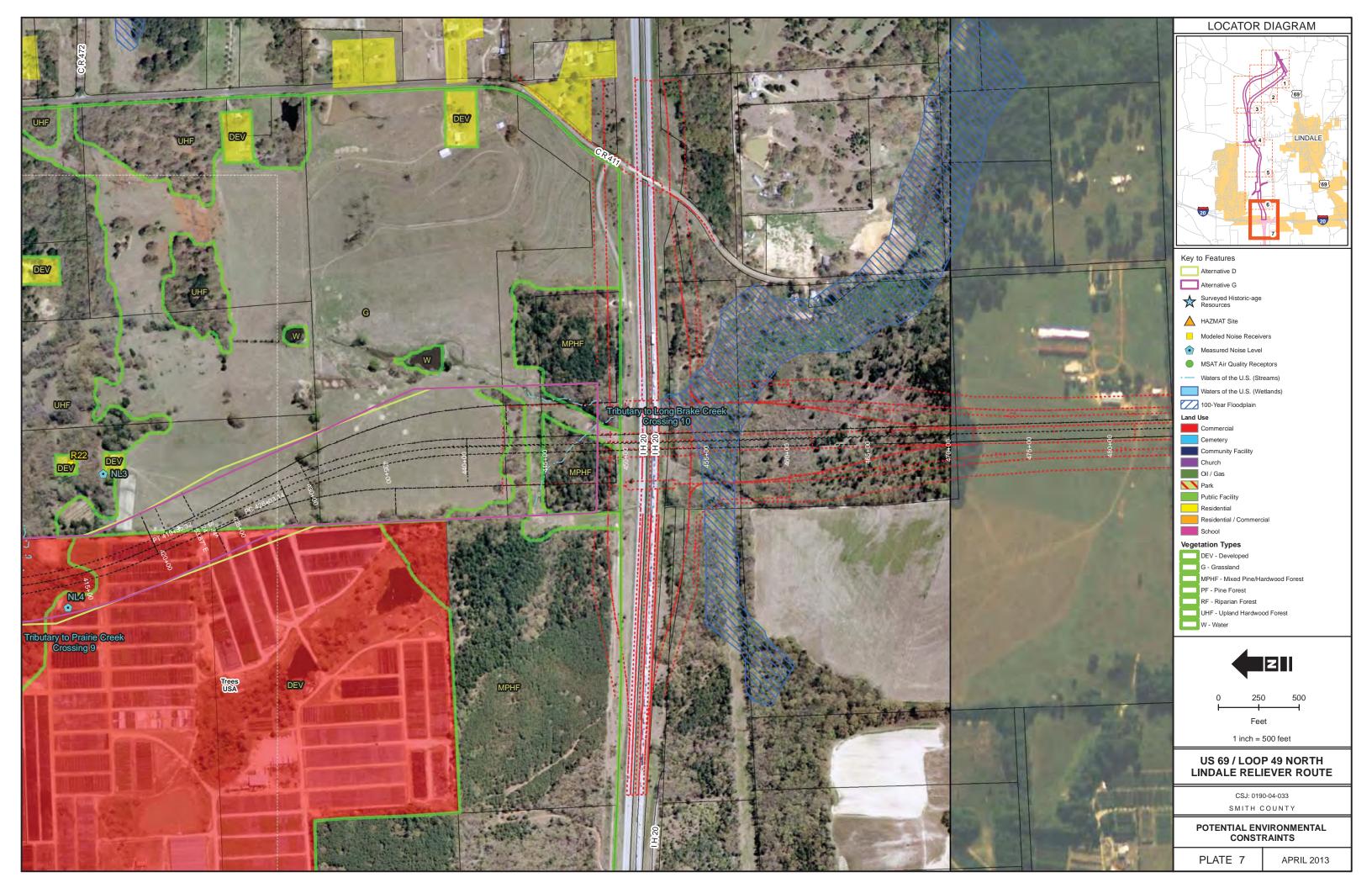


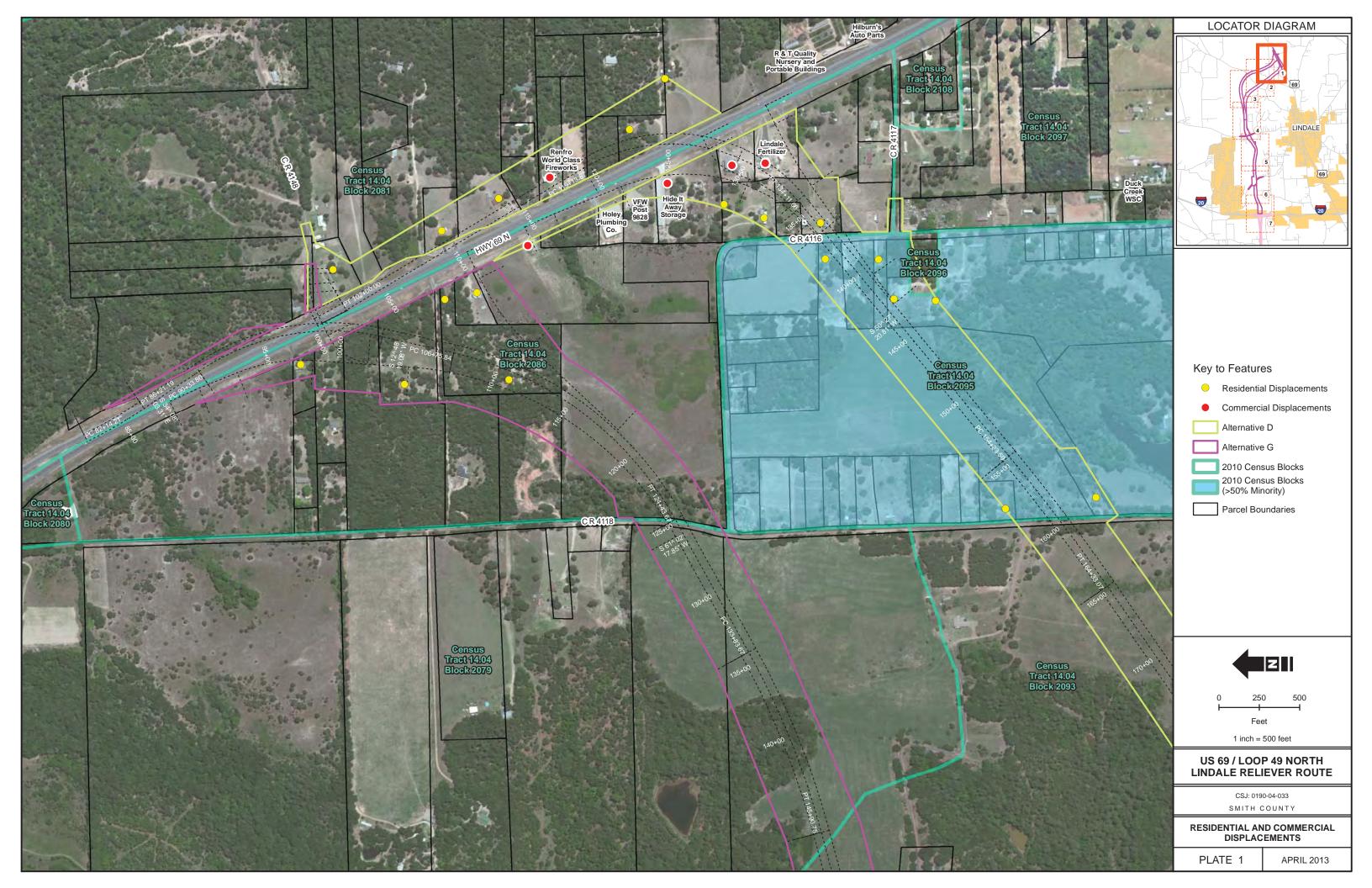


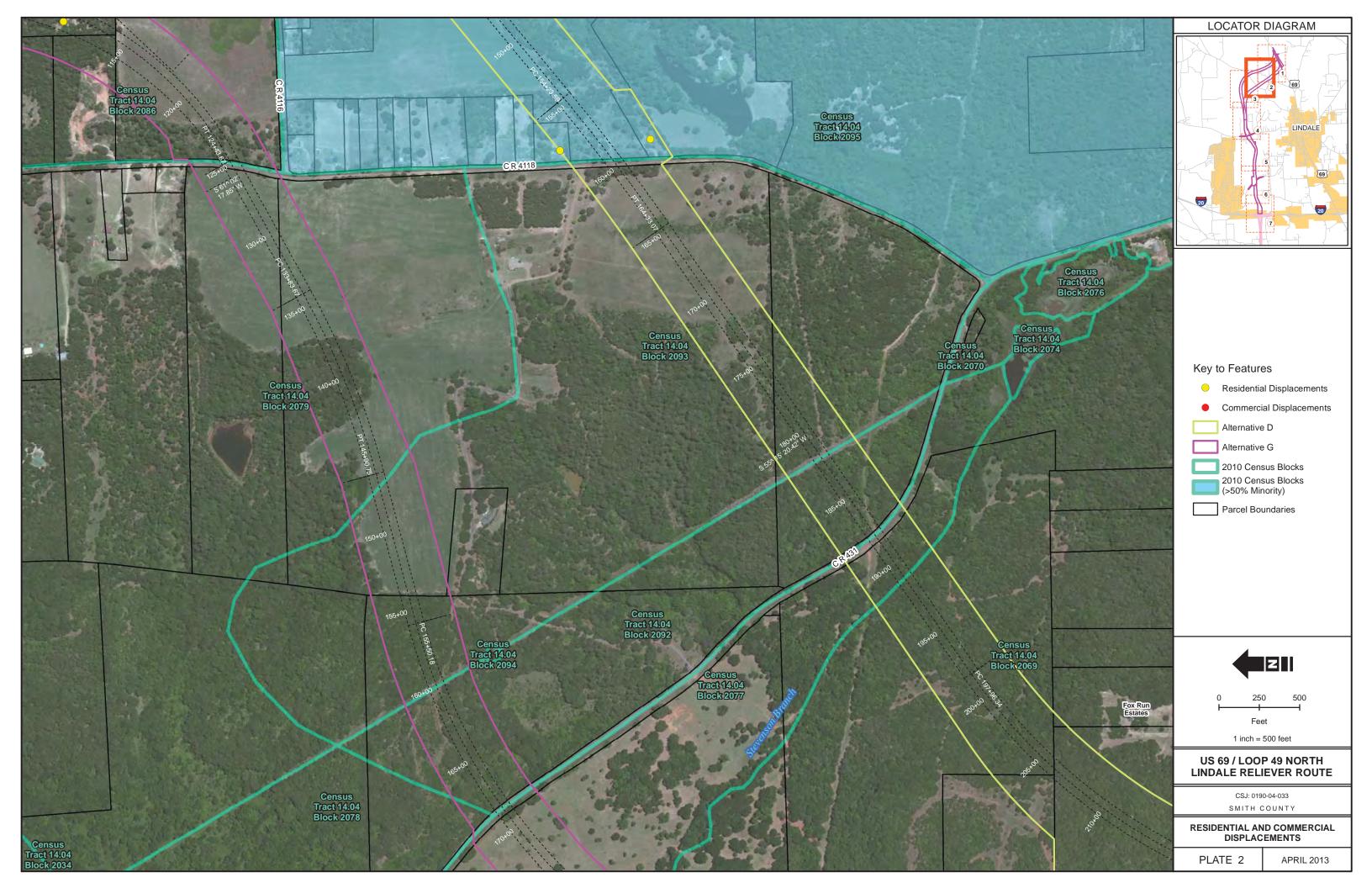




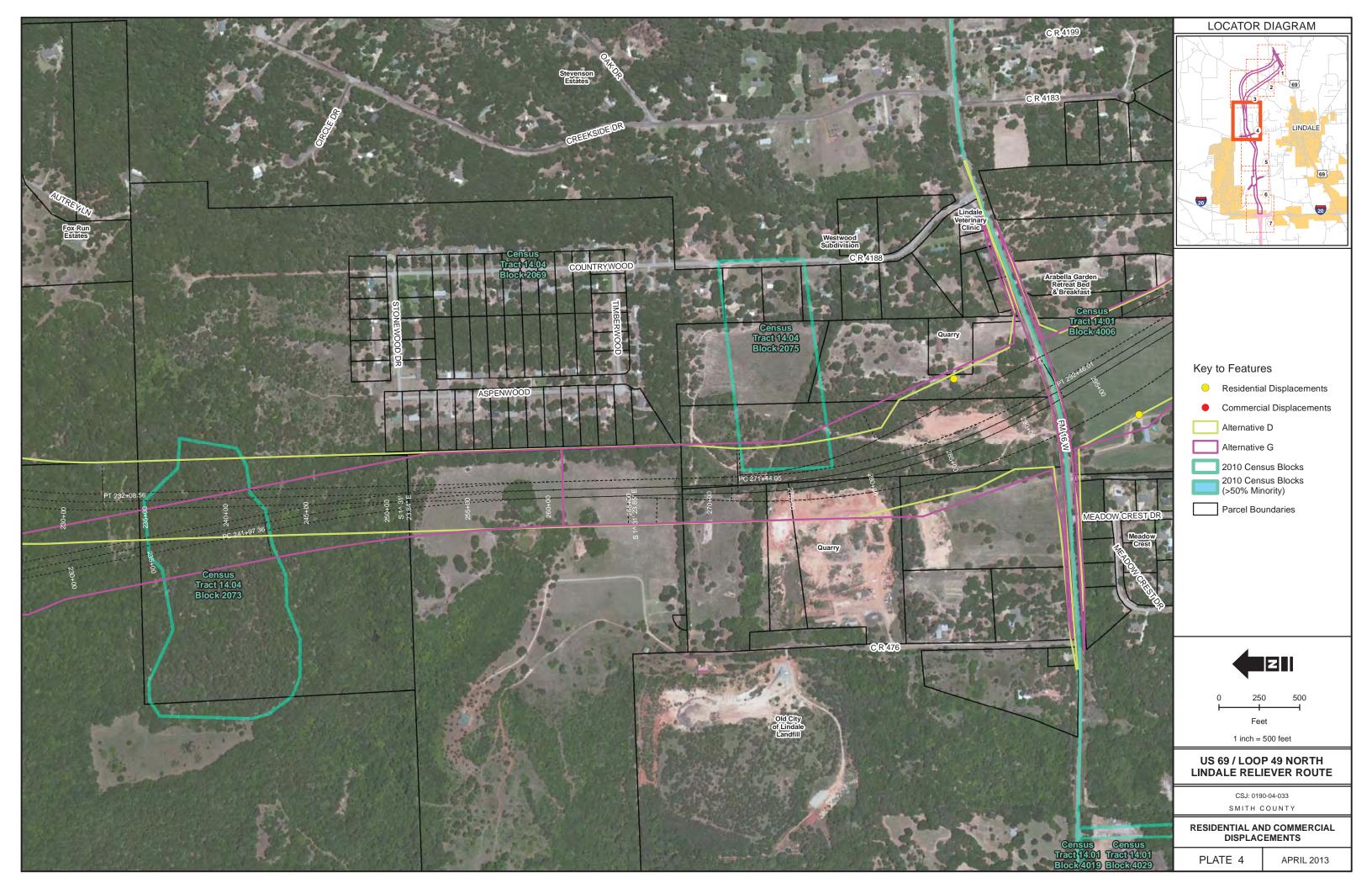


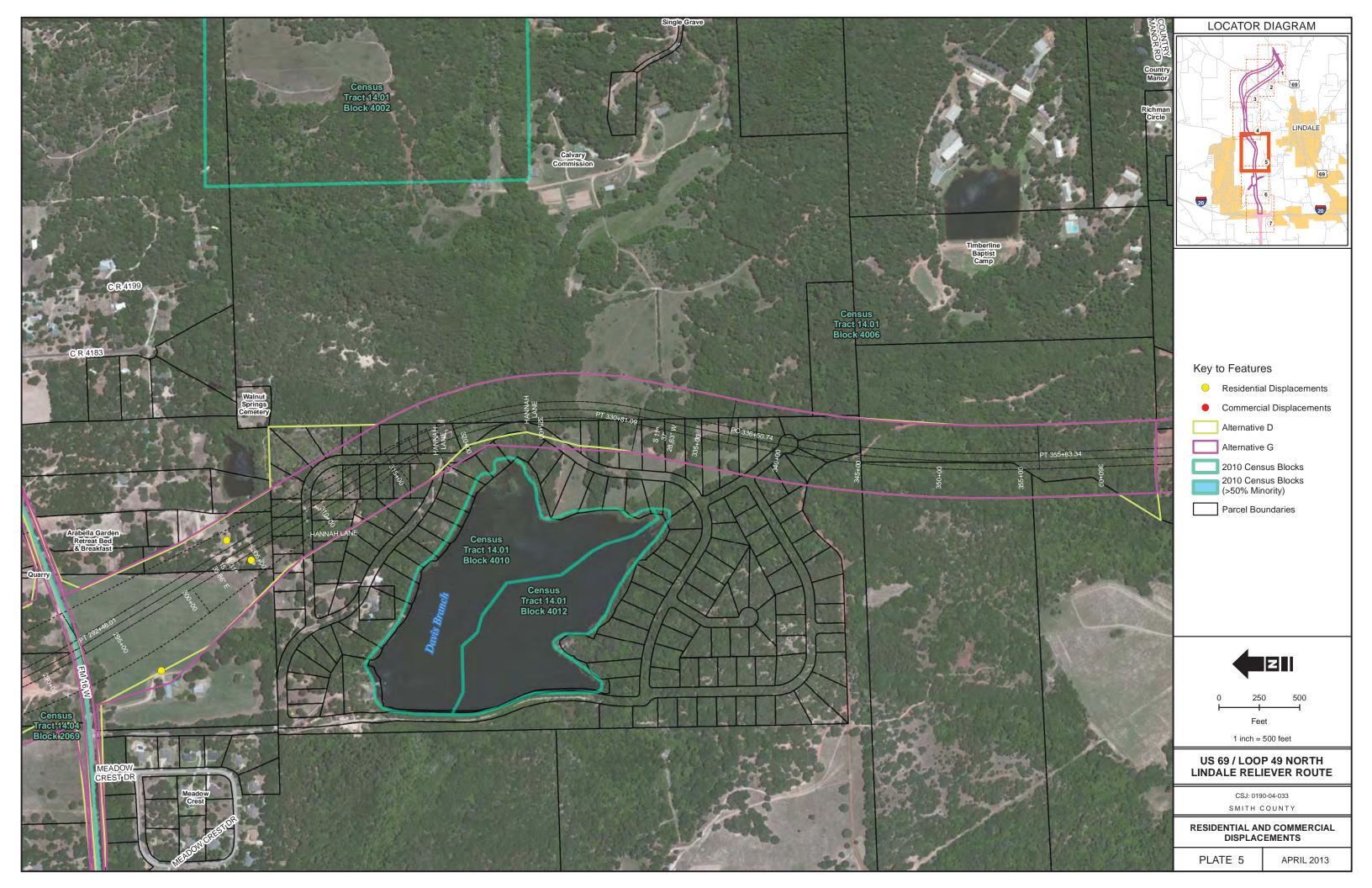




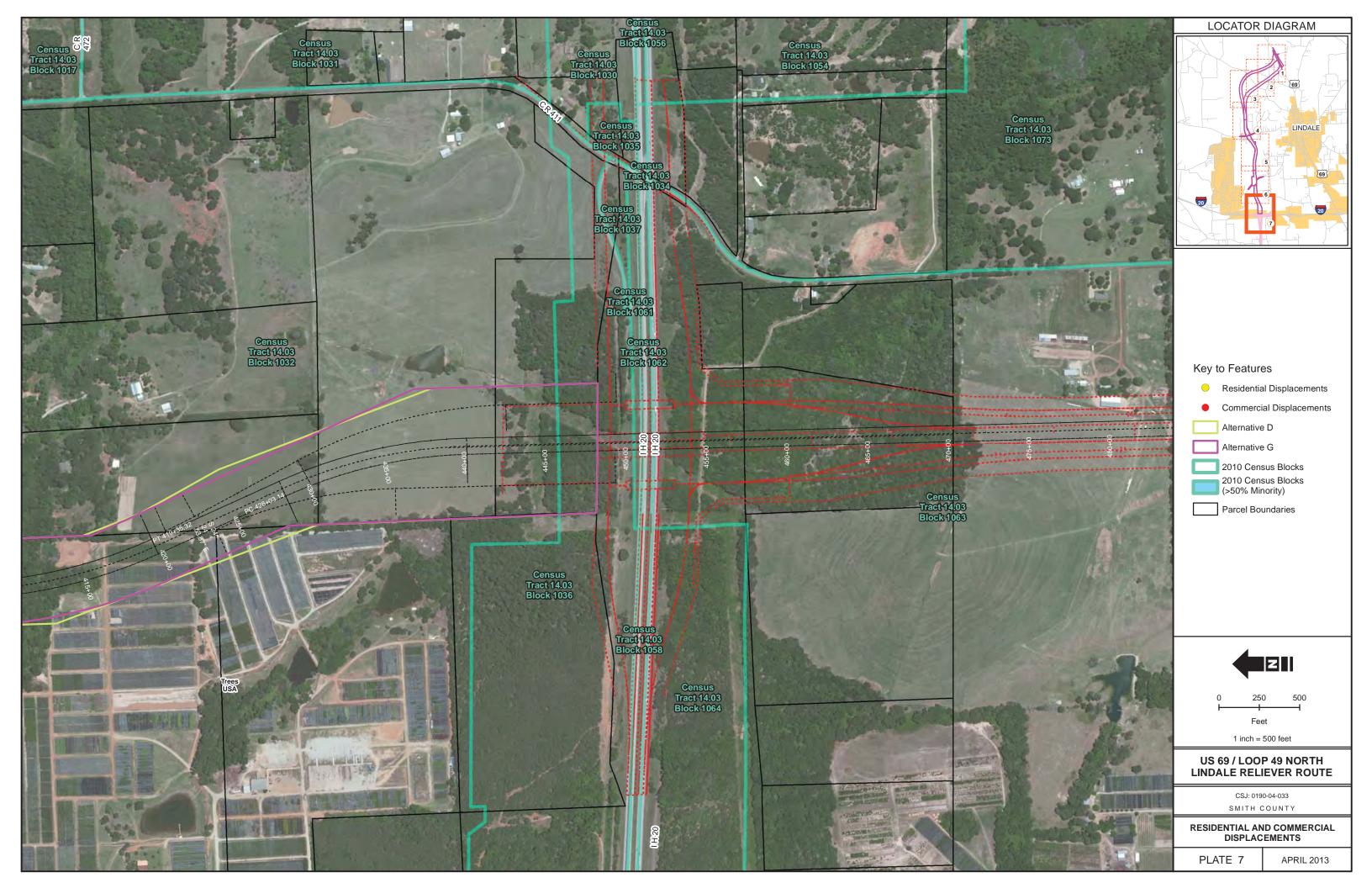












APPENDIX B PROJECT AREA PHOTOS



Wetland in floodplain south of Stevenson Branch, Alternative G.



Man-made ditch through wetland in floodplain south of Stevenson Branch, Alternative G.



Stevenson Branch, Alternative G.



Grassland vegetation.



Stevenson Branch, Alternative D.



Wetland adjacent to Stevenson Branch, Alternative D.



Wetland in floodplain north of Stevenson Branch, Alternative G.



Grassland vegetation in foreground; upland hardwood vegetation in background.



Grassland vegetation.



Seep adjacent to wetland in floodplain south of Stevenson Branch, Alternative G.



Seep adjacent to wetland in floodplain south of Stevenson Branch, Alternative G.



Grassland vegetation in foreground; upland hardwood vegetation in background.



Tributary to Duck Creek, Alternative G.



Tributary to Duck Creek, Alternative G.



Aesthetic quality of surrounding landscape.



Tributary to Prairie Creek, both alternatives.



Tributary to Long Brake Creek, both alternatives.



Tributary to Long Brake Creek at IH 20, both alternatives.



Tributary to Long Brake Creek, both alternatives.



Tributary to Prairie Creek, both alternatives.



Tributary to Duck Creek, Alternative D.



Davis Branch, both alternatives.



Wetland at Davis Branch, both alternatives.



Pine Woodland vegetation.



Mixed Pine/Hardwood Woodland vegetation.

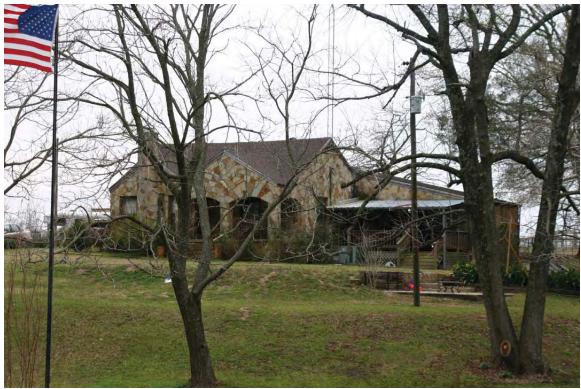


Typical single family residence in Lindale



Typical single family residence on CR 4118





Single family residence on FM 849 east of proposed project



Trees USA seedlings



US 69.Main Street at FM 16 in Lindale, looking north



US 69.Main Street at FM 16 in Lindale, looking south



Timberline Baptist Camp



Northern terminus of Alternative G, looking South

APPENDIX C

WETLAND DETERMINATION DATA FORMS

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 1
(If needed, explain on reverse)			Stevenson Branch, Alt D

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Smilax rotundifolia	V	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Ulmus americana	Т	FAC	11.			
4.	Solidago sp.	Н		12.			
5.	Lonicera japonica	V	FAC	13.			
6.	Acer barbatum	Т		14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: Inundated Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	□ Sediment Deposits □ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	
Depth to Free Water in Pit: none (in.)	
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland The site is adjacent to a water of the U.S. (Stevenson E water was present within the channel.	nd hydrology. Branch) with an ordinary high water mark of approximately 10 feet. Flowing

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil scientist.				
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	s,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-5		5YR4/6				Sandy loa	m
5-10		5YR4/4				Sandy loa	m
10-16		5YR4/6	7.5YR4/6	6	Common, large, distinct	Clay loar	n
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?						⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 2
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Arundinaria gigantea	Н	FACW	9.			
2. Quercus nigra	Т	FAC+	10.			
3. Ulmus americana	Т	FAC	11.			
4. Liquidambar styraciflua	Т	FAC	12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
		Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none	(in.)	
		Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	FAC-Neutral Test
		☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	wetland hydrolog	Jy.

	<u> </u>						
Map Unit Na	me			Drainage Class:			
(Series and F	Phase):			Field Observations	<u> </u>		
Taxonomy (S	Subgroup):			Confirm Mapped type?	Confirm Mapped type? ☐ Yes ☐ No*		
				ed by a professional soil			
				scientist.			
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.		
0-16		10YR5/4	2.5YR4/6	Many, medium, distinct	Clay loam		
Hydric Soil Ir	ndicators:						
	Histosol		□Concr	retions			
	Histic Epipedon			Organic Content in Surface La	ver in Sandy Soils		
	Sulfidic Odor			nic Streaking in Sandy Soils			
	Aquic Moisture F			on Local Hydric Soils List			
	Reducing Condit			I on National Hydric Soils List			
\sqcup	Gleyed or Low-C	Chroma Colors	∐Other	(Explain in Remarks)			
Remarks: 11	nis site does not	meet the criteria for	hydric soils.				
\A/ETI	AND DETER	AND A TION					
WEIL	AND DETER	MINATION					
	Vegetation Prese			this Sampling Point Within a V	Wetland? ☐ Yes ☐ No		
	Irology Present?	Yes	⊠No				
Hydric Soils	Present?	☐ Yes	⊠No				
Remarks: Th	nis site is not loca	ated within a wetland	d due to the lack of w	vetland hydrology and hydric so	oils.		
				, , , ,			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 3
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Arundinaria gigantea	Н	FACW	9.		
2.	Quercus nigra	Т	FAC+	10.		
3.	Lonicera japonica	H/V	FAC	11.		
4.	Liquidambar styraciflua	Т	FAC	12.		
5.				13.		
6.				14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.			

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
	□ Drift Lines _
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	1

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determin scientist.	ned by a professional	soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretio	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		7.5YR4/6				Clay loa	m
2-4		7.5YR4/6	10YR5/4		Common, small, distinct	Clay loa	m
4-16		7.5YR4/6	10YR5/4		Many, small, distinct	Clay loa	m
					*	ĺ	
□ Sulfidic Odor □ Organic □ Aquic Moisture Regime □ Listed of the control o			gh Orga ganic S sted on sted on	ns unic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy Soils		
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?				Sampling Point Within a \	Wetland? ☐ Yes	⊠No	
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 4
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Arundinaria gigantea	Н	FACW	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.	Smilax rotundifolia	H/V	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		☐Inundated
□Other		☐Saturated in Upper 12 Inches
□No Recorded Data Available		⊠Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 14	(in.)	
	()	☐Local Soil Survey Data
Depth to Saturated Soil: 14	(in.)	☐FAC-Neutral Test
	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology	1
Tromand. The did mode the offend for welland	a injuiciogy.	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
,	0 17				*Soils were not determing	ned by a professional	soil
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretio	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10YR3/1	5YR3/4		Common, medium, distinct	Clay loa	m
2-16		10YR5/4	5YR4/6		Many, medium, distinct	Clay loa	m
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes	□No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 5
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
		☐Drift Lines
Field Observations:		☐Sediment Deposits
Depth of Surface Water: nor	ie (in.)	Secondary Indicators (2 or more required):
		Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 11	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
		☐Other (Explain in Remarks)
Remarks: This site meets the criteria for we	tland hydrology.	

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
					*Soils were not determing	ned by a professional soil	
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-10		10YR4/1	5YR4/6		Many, small, distinct	Clay loam	
10-16		10YR4/1	5YR4/6		Many, large, distinct	Clay loam	
							\neg
		·	U.		I.		
Hydric Soil In	ndicators:						
_							
_	Histosol		_	oncretio			
	Histic Epipedon				Organic Content in Surface Layer in Sandy Soils		
	Sulfidic Odor				treaking in Sandy Soils		
	Aquic Moisture				ed on Local Hydric Soils List		
	Reducing Condi				ed on National Hydric Soils List er (Explain in Remarks)		
	Gleyed or Low-0	Chroma Colors	∐Ot	tner (Ex	plain in Remarks)		
Domorko, T	hia aita maata th	a aritaria far hudria a	oilo				
Remarks: 1	nis site meets th	e criteria for hydric s	Olis.				
\A/ETI	AND DETER	MINIATION					
WETLAND DETERMINATION							
					0 " " " ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	W # 10 MW DN	
			Is this	Sampling Point Within a	Wetland? ☐ Yes ☐ No		
			□No				
Hydric Soils	riesent?	⊠ Yes	□No				
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/22/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 6
(If needed, explain on reverse)			Alt D, forested area S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Chasmanthium laxum	Н	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Lonicera japonica	H/V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	gy.

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
	0 17				*Soils were not determine	ned by a professional	soil	
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-10		5YR4/6	2.5YR3/6		Common, small, distinct	Fine sandy I	oam	
10-16		5YR4/6	2.5YR3/6		Common, large, distinct	Fine sandy I	oam	
☐ Histic Epipedon ☐ High ☐ Sulfidic Odor ☐ Orga ☐ Aquic Moisture Regime ☐ Lister ☐ Reducing Conditions ☐ Lister				ganic St ted on L ted on N	s nic Content in Surface La reaking in Sandy Soils ocal Hydric Soils List Jational Hydric Soils List lain in Remarks)			
WETLAND DETERMINATION								
	Vegetation Present? Present?		es No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 7
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Eleocharis smallii	Н	OBL	11.			
4.	Polygonum hydropiperoides	Н	OBL	12.			
5.	Hydrocotyle umbellata	Н	OBL	13.			
6.	Solidago sp.	Н		14.			
7.	Paspalum urvillei	Н	FAC	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		□ Drift Lines □ Sediment Deposits □ Drivings and the same and the sam
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 0	(in.)	
Depth to Saturated Soil: 0	(in.)	☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	1

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a professio	nal soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	2.5YR4/6		Many, small, distinct	Cla	ay
			 			 	
			 			 	
Sulfidic Odor Organics Aquic Moisture Regime Listed on Reducing Conditions					ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	ayer in Sandy Soils	S
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Y	∕es
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 8
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Erodium texanum	Н		11.			
4.	Polygonum hydropiperoides	Н	OBL	12.			
5.	Panicum capillare	Н	FAC	13.			
6.	Solidago sp.	Н		14.			
7.	Paspalum urvillei	Н	FAC	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/7 = 71%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted most the official for well	iana nyarotogy.

Map Unit Name				Drainage Class:				
∥ ·								
(Series and Phase):					Field Observations			<u> </u>
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Ye		⊠No*
					*Soils were not determing	ned by a prof	essional s	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	j,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	I	Abundance/Contrast	Structure,	etc.	,
0-16	†	10YR4/2	2.5YR4/6		Many, small, distinct	†	Clay	
	 				17101.7, 5, 5.0	1	٠.۵,	
		+				+		
<u> </u>	ļ		ļ			ļ		
				_				
Hydric Soil Ir	ndicators:							
l 🖂]Histosol		□Cond	cretio	ns			
	Histic Epipedon				nic Content in Surface La	aver in Sand	√ Soils	
	Sulfidic Odor				treaking in Sandy Soils	.,	, 00c	
_	Aquic Moisture I	Radime			Local Hydric Soils List			
	Reducing Condi				National Hydric Soils List			
_	Gleved or Low-0				plain in Remarks)			
╽	IGleyed of Low-C	Unionia Colors		aı (⊏xh	Jain in Remarks)			
D	9-110 t- di	a subtractor from brookers a	- 11 -					
Remarks: I	his site meets th	ne criteria for hydric so	OIIS.					
WFTI	AND DETER	RMINATION						
								
I be also a be at a	Manadatian Bass	10 MV		La di Sa	O B-:- William	M-4110		NA.
	Vegetation Pres			is this	Sampling Point Within a \	Wetland?	☐ Yes	⊠No
	drology Present?		⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 9
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Paspalum notatum	Н	FAC	11.			
4.	Polygonum hydropiperoides	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.	Solidago sp.	Н		14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:		☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 6	(in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: 0	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	•

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
				*Soils were not determined by a professional soil scientist.			
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	2.5YR4/6		Many, small, distinct	Cla	ay
			 			 	
			 			 	
Sulfidic Odor Organic Stream Aquic Moisture Regime Listed on Loc Reducing Conditions Listed on Nat				ns anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	ayer in Sandy Soils	S	
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Y	∕es
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 10
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Paspalum notatum	Н	FAC	11.			
4.	Erodium texanum	Н		12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted most the official for well	iana nyarotogy.

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	3	⊠No*
					*Soils were not determing	ned by a prof	essional s	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	oncretions	i,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, e	etc.	
0-4		10YR3/2	5YR4/4		Many, small, distinct	Fine	e sandy loa	am
4-16		10YR4/2	5YR4/4		Many, small, distinct	Fine	e sandy loa	am
	†	+	 			†		
	†	+	 			†		
	1	.1				1		
Hydric Soil II	ndicators:							
,								
]Histosol		□Con	ncretio	ns			
	Histic Epipedon	ł	□High	h Orga	anic Content in Surface La	yer in Sandy	Soils	
	Sulfidic Odor				Streaking in Sandy Soils			
	Aquic Moisture I				on Local Hydric Soils List			
_	Reducing Condi				National Hydric Soils List			
]Gleyed or Low-0	Chroma Colors	□Othe	er (Exp	plain in Remarks)			
Remarks: T	his site meets the	ne criteria for hydric so	oils.					
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Prese	ent? Xes		Is this	Sampling Point Within a \	Wetland?	Yes	⊠No
Wetland Hyd	drology Present?	Yes ☐ Yes	⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 11
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Juncus effusus	Н	OBL	9.			
2.	Polygonum hydropiperoides	Н	OBL	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Carex sp.	Н		12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/5 = 60%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches ☐Water Marks
	□ Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	⊠Water-Stained Leaves □Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*
				*Soils were not determined by a professional soil scientist.			
Profile Desc	ription:						
Depth	•	Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	,
0-4		10YR4/2	5YR4/4		Few, small, distinct	Clay	loam
4-9		10YR4/1	5YR4/4		Common, small, distinct	ČI	ay
9-16		10YR4/1	5YR4/6		Many, small, distinct	CI	ay
					•		
□Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or			gh Orga ganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List blain in Remarks)	yer in Sandy Soil	S	
WETLAND DETERMINATION							
	Vegetation Prese rology Present? Present?	ent?	□No Is this Sampling Point Within a Wetland? ☑ Yes □No				Yes □No
Remarks: TI	nis site is located	within a wetland.					

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 12
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1. Juncus effusus	Н	OBL	9.				
2. Paspalum notatum	Н	FAC	10.				
Cynodon dactylon	Н	FACU+	11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/3 = 67%							
Remarks: This site meets the criteria	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

00.20							
Map Unit Na	ame		Drainage Class:				
(Series and	Phase):			Field Observations			
Taxonomy (Subgroup):			Confirm Mapped typ	Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not deter	rmined by a professional soil			
			scientist.				
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contras			
0-4		10YR4/2	5YR4/6	Many, small, disting	ct Clay loam		
4-8		10YR3/2	5YR4/4	Many, large, distinct	ct Clay		
8-16		10YR4/1	5YR4/6	Many, medium, distinct	Clay		
□Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or				retions Organic Content in Surface nic Streaking in Sandy Soil d on Local Hydric Soils List d on National Hydric Soils I r (Explain in Remarks)	s		
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?	ent? Yes Yes Yes Yes	□No ⊠No □No	Is this Sampling Point Within a Wetland? ☐ Yes ☐ No			
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 13
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Juncus effusus	Н	OBL	9.		
2.	Carex sp.	Н		10.		
3.	Paspalum urvillei	Н	FAC	11.		
4.	Solidago sp.	Н		12.		
5.				13.		
6.				14.		
7.				15.		
8.				16.		
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%					
Re	Remarks: This site meets the criteria for hydrophytic vegetation.					

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 14 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	-

Map Unit Name				Drainage Class:				
(Series and I	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*				
				*Soils were not determing scientist.	ned by a profe	essional s	oil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	ncretions	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, e	tc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay	
Hydric Soil Indicators: Histosol								
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Vetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 14
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
Paspalum notatum	Н	FAC	9.		
2. Lonicera japonica	Н	FAC	10.		
3. Paspalum urvillei	Н	FAC	11.		
4. Cirsium horridulum	Н	FAC	12.		
5.			13.		
6.			14.		
7.			15.		
8.			16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%					
Remarks: This site meets the criteria	a for hydrophytic veç	getation.			

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted most the official for well	iana nyarotogy.

SUIL	5								
Map Unit Na	ame			Drainage Class:	Drainage Class:				
(Series and	Phase):			Field Observations					
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes ⊠No*				
				*Soils were not determined scientist.	*Soils were not determined by a professional soil scientist.				
Profile Des	cription:								
Depth		Matrix Color	Mottle Colors		exture, Concretions,				
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		tructure, etc.				
0-3		10YR4/2	5YR4/6	Common, small, distinct	Clay loam				
3-6		7.5YR4/4	5YR4/6	Many, small, distinct	Clay				
6-12		10YR4/2	5YR5/8	Many, medium, distinct	Clay loam				
12-16		10YR4/1	5YR4/6	Many, small, distinct	Clay loam				
Hydric Soil Indicators: Histosol									
Remarks: This site meets the criteria for hydric soils.									
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?					tland? ☐ Yes ⊠No				

Remarks: This site is not located within a wetland due to the lack of wetland hydrology.

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 15
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Rubus trivialis	Н	FAC	9.		
2.	Lonicera japonica	Н	FAC	10.		
3.	Paspalum urvillei	Н	FAC	11.		
4.	Juncus effuses	Н	OBL	12.		
5.				13.		
6.				14.		
7.				15.		
8.				16.		
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%					
Re	marks: This site meets the criteria	a for hydrophytic veç	getation.			

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	☐ Drift Lines ☐ Sediment Deposits
Field Observations.	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	
Tremarks. This site meets the chieffa for wetland hydrology.	

Map Unit Name					Drainage Class:			
(Series and	Phase):		Field Observations					
Taxonomy (Subgroup):		Confirm Mapped type? ☐ Yes ☐ No*					
			*Soils were not determined by a professional soil					
					scientist.			
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-16		10YR4/1	5YR4/6		Common, small, distinct	Clay	loam	
□ Sulfidic Odor □ Organic □ Aquic Moisture Regime □ Listed o □ Reducing Conditions □ Listed o					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)		S	
WETLAND DETERMINATION								
	Vegetation Prese drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ \	Yes □No	
Remarks: T	his site is located	d within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 16
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Erodium texanum	Н		9.				
2.	Paspalum notatum	Н	FAC	10.				
3.	Paspalum urvillei	Н	FAC	11.				
4.	Carex sp.	Н		12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%								
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:					
☐Stream, Lake, or Tide Gauge		Primary Indicators:					
		□Inundated					
□Other		⊠Saturated in Upper 12 Inches ☐Water Marks					
□No Recorded Data Available							
		☐Drift Lines					
Field Observations:		Sediment Deposits					
		☐Drainage patterns in Wetlands					
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):					
·	,	⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 15	(in.)	☐Water-Stained Leaves					
'	()	Local Soil Survey Data					
Depth to Saturated Soil: 10	(in.)	☐FAC-Neutral Test					
.,	(/	Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland	l hydrology.	1					
Transaction and and and and and worker	,						

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	S	⊠No*
					*Soils were not determin scientist.	ed by a prof	essional s	oil
Profile Desc	ription:					_		
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	;,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,		
0-5		10YR3/1	5YR4/6		Many, small, distinct		Sandy loan	
5-16		10YR4/2	5YR4/6		Many, small, distinct	Fin	e sandy lo	am
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	/ Soils	
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?					Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 17
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Lonicera japonica	Н	FAC	9.					
2.	Paspalum notatum	Н	FAC	10.					
3.	Paspalum urvillei	Н	FAC	11.					
4.	Eriochloa punctata	Н	FACW-	12.					
5.	Rumex crispus	Н	FACW	13.					
6.				14.					
7.				15.					
8.				16.					
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%								
Re	marks: This site meets the criteria	a for hydrophytic veg	getation.						

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches			
□No Recorded Data Available	☐Water Marks ☐Drift Lines			
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands			
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches			
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data			
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)			
Remarks: This site does not meet the criteria for wetland hydrolog	jy.			

00.20								
Map Unit Na	ıme		Drainage Class:					
(Series and	Phase):			Field Observations				
Taxonomy (Subgroup):		Confirm Mapped type? ☐ Yes ☐ No*					
				ned by a professional soil				
					scientist.	, ,		
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-6		10YR4/1	5YR4/6		Common, small, distinct	Sandy loam		
6-8		10YR4/3	5YR4/4		Common, small, distinct	Fine sandy loam		
8-16		10YR4/1	5YR4/6		Many, small, distinct	Fine sandy loam		
					,			
☐ Sulfidic Odor ☐ Organic S☐ ☐ Organic S☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐					ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,		
WETLAND DETERMINATION								
	Vegetation Presedrology Present? Present?		Sampling Point Within a '	Wetland? ☐ Yes ☑No				
Remarks: T	his site is not loc	ated within a wetland	d due to the lack of	of wetlar	nd hydrology.			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 18
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Setaria geniculata	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Rubus trivialis	Н	FAC	11.				
4.	Schizachyrium scoparium	Н	FACU+	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):				1				
Taxonomy (Subgroup):			I	Confirm Mapped type?			
					*Soils were not determin	ned by a prof	essionai s	OII
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C		,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,	etc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay loam	
					-			
	1	†	1					
		+						
<u> </u>	-	<u> </u>	<u> </u>			 		
ı 								
l a								
Hydric Soil Ir	ndicators:							
_								
	Histosol		Con				.	
	Histic Epipedon				nic Content in Surface La	iyer in Sandy	/ Soils	
_	Sulfidic Odor				treaking in Sandy Soils			
	Aquic Moisture I				on Local Hydric Soils List			
	Reducing Condi				on National Hydric Soils List			
]Gleyed or Low-0	Chroma Colors	□Othe	er (Exp	plain in Remarks)			
Remarks: T	his site meets th	e criteria for hydric so	oils.					
WETI	AND DETER	MINIATION						
VVLIL	AND DETER	MINATION						
		_	_				_	_
	Vegetation Pres			Is this	Sampling Point Within a V	Wetland?	Yes	⊠No
	drology Present?		⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 19
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Polygonum hydropiperoides	Н	OBL	9.				
2. Juncus effusus	Н	OBL	10.				
3. Carex sp.	Н		11.				
4. Paspalum urvillei	Н	FAC	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		□Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 12	(in.)	
		☐Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
		☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetla		
	,	

Map Unit Name					Drainage Class:			
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determin scientist.	ned by a profession	onal soil	
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay	loam	
Hydric Soil Indicators: Histosol						yer in Sandy Soil	ls	
WETL	AND DETER	RMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \		Yes □No	
Remarks: T	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 20
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Polygonum hydropiperoides	Н	OBL	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Solidago sp.	Н		13.				
6.	Cirsium horridulum	Н	FAC	14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines				
Field Observations:		Sediment Deposits				
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 7	(in.)	☐Water-Stained Leaves ☐Local Soil Survey Data				
Depth to Saturated Soil: 6	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determin scientist.	ned by a profession	onal soil	
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay	loam	
Hydric Soil Indicators: Histosol						yer in Sandy Soil	ls	
WETL	AND DETER	RMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \		Yes □No	
Remarks: T	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 21
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Eriochloa punctata	Н	FACW-	9.			
2.	Juncus effusus	Н	OBL	10.			
3.	Carex sp.	Н		11.			
4.	Paspalum urvillei	Н	FAC	12.			
5.	Rubus trivialis	Н	FAC	13.			
6.	Cirsium horridulum	Н	FAC	14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%						
Rei	marks: This site meets the criteria	a for hydrophytic vec	getation.				

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name				Drainage Class:				
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	;	⊠No*
					*Soils were not determin	ned by a profe	essional so	oil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co	oncretions	,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, e	etc.	
0-10		10YR4/2	5YR4/6		Many, small, distinct		Clay loam	
10-16		10YR4/1	5YR4/6		Many, small, distinct		Clay	
	 		†			 		
	 		†			 		
	1	_1	1			1		
Hydric Soil Ir	ndicators:							
]Histosol		□Con	ncretio	ns			
	Histic Epipedon		□High	h Orga	anic Content in Surface La	yer in Sandy	Soils	
_	Sulfidic Odor				treaking in Sandy Soils			
	Aquic Moisture I				on Local Hydric Soils List			
_	Reducing Condi				on National Hydric Soils List			
]Gleyed or Low-0	Chroma Colors	□Othe	ıer (Ex	plain in Remarks)			
Remarks: T	his site meets the	e criteria for hydric so	oils.					
WETL	AND DETER	RMINATION						
Hydrophytic	Vegetation Prese	ent? Xes	□No I	Is this	Sampling Point Within a V	Netland?	☐ Yes	⊠No
Wetland Hyd	drology Present?	☐ Yes	⊠No					
Hydric Soils	Present?		□No					
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 22
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Eriochloa punctata	Н	FACW-	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Schizachryium scoparium	Н	FACU+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks					
□No Recorded Data Available	□ Water Marks □ Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 11 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a professional s	ioil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions	s,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam	1
Sulfidic Odor □Organic S □Aquic Moisture Regime □Listed on I □Reducing Conditions □Listed on I					ns anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	iyer in Sandy Soils	
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a N	Wetland? ⊠ Yes	□No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 23
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Eriochloa punctata	Н	FACW-	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Rubus trivialis	Н	FAC	11.				
4.	Paspalum urvillei	Н	FAC	12.				
5.	Cirsium horridulum	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

□ Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:						
☐Stream, Lake, or Tide Gauge		Primary Indicators:						
⊠Aerial Photographs		ΠInundated						
Other		Saturated in Upper 12 Inches						
□No Recorded Data Available		☐Water Marks						
		☐Drift Lines						
Field Observations:		Sediment Deposits						
Tiona observationer		☐ Drainage patterns in Wetlands						
Double of Confess Material	(' \							
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):						
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves						
'	` '	Local Soil Survey Data						
Depth to Saturated Soil: none	(in)	□FAC-Neutral Test						
Depth to Saturated Soil: none	(in.)	<u></u>						
		☐Other (Explain in Remarks)						
Remarks: This site does not meet the criteria for	wetland hydrolog	IV						
Transfer Time one decorate internation		n.						

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
						ned by a professional soil	
					scientist.		
Profile Desc	ription:				•		
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam	
 							
Hydric Soil Ir	ndicators:						
	Histosol			oncretio			
	Histic Epipedon				nic Content in Surface La	yer in Sandy Soils	
_	Sulfidic Odor	D			treaking in Sandy Soils		
	Aquic Moisture I		∐Lis	sted on	Local Hydric Soils List National Hydric Soils List		
	Reducing Condi				Explain in Remarks)		
	Oleyed of Low-C	Jilioma Colors	Пог	iiei (LX	piairi iri ixemarks)		
Remarks: T	his site meets th	e criteria for hydric so	oils.				
WETL	AND DETER	RMINATION					
	Vegetation Pres		□No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ☐ No	
	Irology Present?		⊠No				
Hydric Soils	Present?		□No				
Remarks: T	his sita is not loc	ated within a wetland	due to the lack (of wetla	nd hydrology		
Remarks: This site is not located within a wetland due to the lack of wetlar					na riyarology.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 24
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Eriochloa punctata	Н	FACW-	9.					
2.	Juncus effusus	Н	OBL	10.					
3.	Setaria geniculata	Н	FAC	11.					
4.	Paspalum urvillei	Н	FAC	12.					
5.	Cirsium horridulum	Н	FAC	13.					
6.				14.					
7.				15.					
8.				16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%									
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.								

☐Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	, ,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	Water-Stained Leaves
'	,	Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
.,	` /	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	d hydrology.	1
Transaction and the street workers	, o.ogy.	

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	i	⊠No*	
	<u> </u>				*Soils were not determing	ned by a profe	essional s	oil	
					scientist.				
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Co		5,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, e	etc.		
0-2		10YR3/2	5YR4/6		Many, fine, distinct	Fine	sandy lo	am	
2-4		10YR5/2	5YR4/6		Many, small, distinct	S	andy loar	n	
4-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam		ı	
Hydric Soil II	ndicators:								
_	lue a lu		По						
_	Histosol			oncretio			0 - 11 -		
	Histic Epipedon				ganic Content in Surface Layer in Sandy Soils				
_	Sulfidic Odor	Da elima			c Streaking in Sandy Soils on Local Hydric Soils List				
	Aquic Moisture I								
	Reducing Condi				on National Hydric Soils List (Explain in Remarks)				
]Gleyed or Low-0	onionia Colors	ПО	ner (⊏x	piain in Kemarks)				
Pemarke: T	his site meets th	e criteria for hydric so	nile						
ixemarks. 1	ins site ineets tir	e cinteria for flydric si	JII3.						
<u> </u>									
WETI	AND DETER	MINIATION							
VVLIL	AND DETER	MINATION	T						
Lludrophy 41 a	Vacatation D	ant2	□No	loth!-	Compling Daint Within a V	Matlanda	✓ Vac	Пыс	
	Vegetation Pres		□No	is this	Sampling Point Within a \	/vetiand?	Yes	□No	
	drology Present?		□No	1					
Hydric Soils	Present?		□No	1					
				1					
Remarks: T	his sita is located	d within a wetland.							
i i ciliaino. Il	ina ante la locatet	a withill a wetlailu.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 25
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1.	Rubus trivialis	Н	FAC	9.					
2.	Juncus effusus	Н	OBL	10.					
3.	Setaria geniculata	Н	FAC	11.					
4.	Paspalum urvillei	Н	FAC	12.					
5.	Polygonum hydropiperoides	Н	OBL	13.					
6.				14.					
7.				15.					
8.				16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%									
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.								

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a professiona	soil		
Profile Desc	ription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretio	ns,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.			
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loa	m		
Hydric Soil Indicators: Histosol									
WETLAND DETERMINATION									
Hydrophytic Vegetation Present?				Is this	Sampling Point Within a \	Wetland? ☐ Yes	⊠No		
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 26
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Cirsium horridulum	Н	FAC	9.				
2. Juncus effusus	Н	OBL	10.				
3. Polygonum hydropiperoides	Н	OBL	11.				
4. Paspalum urvillei	Н	FAC	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines				
Field Observations:		Sediment Deposits				
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):				
Depth to Free Water in Pit: 13	(in.)	⊠Oxidized Root Channels in Upper 12 inches ☐Water-Stained Leaves				
Depth to Saturated Soil: 12	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	3	⊠No*
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct	(Clay loam	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	rganic S sted on sted on	ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	[,] Soils			
WETI	LAND DETER	RMINATION						
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 27
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Cirsium horridulum	Н	FAC	9.			
2.	Juncus effusus	Н	OBL	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Cynodon dactylon	Н	FACU+	12.			
5.	Carya illionoiensis	Т	FAC+	13.			
6.	Rubus trivialis	Н	FAC	14.			
7.	Eriochloa punctata	Н	FACW-	15.			
8.	Lonicera japonica	Н	FAC	16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 8/8 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted modeline official for wor	iana nyarotogy.

Map Unit Name				Drainage Class:			
(Series and Phase):					Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ned by a professiona	soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretio	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/1	5YR4/6		Many, small, distinct	Clay loa	m
Sulfidic Odor Orga Aquic Moisture Regime Liste Reducing Conditions Liste					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)		
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?				Is this	Sampling Point Within a \	Wetland? ☐ Yes	⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 28
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Setaria geniculata	Н	FAC	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Rubus trivialis	Н	FAC	14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks				
Mo recorded Bata Available	□ Drift Lines				
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands				
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 10 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data				
Depth to Saturated Soil: 9 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.					

Map Unit Name				Drainage Class:				
(Series and Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	3	⊠No*	
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct	(Clay loam	
	Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or				ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	[,] Soils	
WETI	WETLAND DETERMINATION							
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 29
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Cynodon dactylon	Н	FACU+	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Liquidambar styraciflua	Т	FAC	14.				
7.	Ulmus americana	Т	FAC	15.				
8.	Lonicera japonica	Н	FAC	16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/8= 88%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks				
		☐Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves				
		Local Soil Survey Data				
Depth to Saturated Soil: none	(in.)	☐FAC-Neutral Test				
		☐Other (Explain in Remarks)				
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and Phase):					Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing scientist.	ned by a professiona	l soil
Profile Desc	cription:		_				
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım
☐ Histic Epipedon ☐ Higl ☐ Sulfidic Odor ☐ Org ☐ Aquic Moisture Regime ☐ List ☐ Reducing Conditions ☐ List				ganic S sted on l sted on l	ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,	
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?				Is this	Sampling Point Within a \	Wetland? Yes	s ⊠No
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 30
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Juncus effusus	Н	OBL	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Cynodon dactylon	Н	FACU+	12.				
5.	Carya illionoiensis	Т	FAC+	13.				
6.	Solidago sp.	Н		14.				
7.	Ulmus americana	Т	FAC	15.				
8.	Cirsium horridulum	Н	FAC	16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/8= 75%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

□ Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		☐Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		□ Drift Lines
Field Observations:		Sediment Deposits
		☐ Drainage patterns in Wetlands
Depth of Surface Water: no	one (in.)	Secondary Indicators (2 or more required):
.,		
Depth to Free Water in Pit: 12	2 (in.)	☐Water-Stained Leaves
	(,	☐Local Soil Survey Data
Depth to Saturated Soil: 11	l (in.)	□FAC-Neutral Test
2001110 041414104 00111	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for w	etland hydrology	
Nomana. This site meets the chteria for w	chana nyarology.	

Map Unit Name					Drainage Class:				
(Series and	Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determine scientist.	ned by a profe	essional so	oil	
Profile Des	cription:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, Co Structure, e			
0-16		10YR4/1	5YR4/6		Many, small, distinct	(Clay loam		
	☐ Histic Epipedon ☐ Hi ☐ Sulfidic Odor ☐ Or ☐ Aquic Moisture Regime ☐ Lis ☐ Reducing Conditions ☐ Lis				Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
WETI	WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No	
Remarks: T	Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 31
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
Paspalum urvillei	Н	FAC	9.					
2. Schizachryium scoparium	Н	FACU+	10.					
Cynodon dactylon	Н	FACU+	11.					
4.			12.					
5.			13.					
6.			14.					
7.			15.					
8.			16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 1/3= 33%								
Remarks: This site does not meet the criteria for hydrophytic vegetation.								

—		
□ Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
⊠Aerial Photographs		ΠInundated
Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
Tiona observationer		☐ Drainage patterns in Wetlands
Double of Confess Material	(' \	
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves
'	` '	Local Soil Survey Data
Depth to Saturated Soil: none	(in)	□FAC-Neutral Test
Depth to Saturated Soil: none	(in.)	<u></u>
		☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	wetland hydrolog	IV
Transfer Time one decorate internation		n.

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes			
					*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loam		
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		⊠No ⊠No □No	Is this	Sampling Point Within a V	Wetland? ☐ Yes ⊠No		
Remarks: This site is not located within a wetland due to the lack of hydrophytic vegetation and wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 32
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Schizachryium scoparium	Н	FACU+	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Erodium texanum	Н		12.				
5.	Cirsium horridulum	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/5 = 40%								
Re	Remarks: This site does not meet the criteria for hydrophytic vegetation.							

	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐ Drift Lines
Field Observations:	Sediment Deposits
	Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
()	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
Dopur to Gatarated Gath	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolo	av
Thomano. The one according the offend for worlding fry droid	97.

Map Unit Name				Drainage Class:			
				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	□Yes	Þ	∛No*
, , , , , , , , , , , , , , , , , , , ,					ned by a profe		
				scientist.			
cription:							
	Matrix Color	Mottle Colors		Mottle			
Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast			
	10YR4/2	5YR4/6		Many, small, distinct			
	10YR2/1	5YR4/6		Many, small, distinct	C	lay loam	
ndicators:							
Histosol			ncretions				
Histic Epipedon							
Gleyed of Low-C	Jilloma Colors		iei (⊏x	piain in Remarks)			
his site meets the	e criteria for hydric s	oils					
	o omona for riyano o	5110.					
AND DETER	RMINATION						
			Is this	Sampling Point Within a \	Netland?	☐ Yes	⊠No
	_						
Present?		∐No					
his site is not loc	ated within a wetland	due to the lack of	f hydro	nhytic vegetation and wet	land hydrolog	IV/	
	Phase): Subgroup): Phase): Subgroup): Pription: Horizon Horizon Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C his site meets the AND DETER Vegetation Prese Irology Present? Present?	Phase): Subgroup): Phase): Subgroup): Matrix Color (Munsell Moist) 10YR4/2 10YR2/1 Indicators: Histosol Histic Epipedon Sulfidic Odor Aquic Moisture Regime Reducing Conditions (Gleyed or Low-Chroma Colors his site meets the criteria for hydric so LAND DETERMINATION Vegetation Present? Yes Irology Present? Yes Present?	Phase): Subgroup): Phase): Subgroup): Matrix Color	Phase): Subgroup): Cription:	Phase): Subgroup): Field Observations Confirm Mapped type? *Soils were not determing scientist. Phase Subgroup Soils were not determing scientist. Stription:	Phase): Subgroup): Confirm Mapped type? Yes *Soils were not determined by a profe scientist. Phorizon Matrix Color (Munsell Moist) (Munsell Moist) (Munsell Moist) Abundance/Contrast Texture, Color (Munsell Moist) Abundance/Contrast Structure, each of the profession Texture, Color (Munsell Moist) Abundance/Contrast Texture, each of the profession Texture, ea	Phase): Subgroup): Field Observations

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 33
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Eriochloa punctata	Н	FACW-	10.				
3.	Carex sp.	Н		11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		☐Drift Lines ☐Sediment Deposits
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 3	(in.)	⊠Oxidized Root Channels in Upper 12 inches ☐Water-Stained Leaves
Depth to Saturated Soil: 2	(in.)	☐Local Soil Survey Data ☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetla	and hydrology	
Tremains. This site meets the chiena for wette	and nydrology.	

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	3	⊠No*
					*Soils were not determing scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, C Structure,		;,
0-16		10YR4/2	5YR4/6		Many, small, distinct	(Clay loam	
□Sulfidic Odor □Organic □Aquic Moisture Regime □Listed o □Reducing Conditions □Listed o					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	[,] Soils	
WETI	WETLAND DETERMINATION							
	Vegetation Presidrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 34
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.	Solidago sp.	Н		14.				
7.	Erodium texanum	Н		15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

—		
□ Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
⊠Aerial Photographs		ΠInundated
Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
Tiona observationer		☐ Drainage patterns in Wetlands
Double of Confess Material	(' \	
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves
'	` '	Local Soil Survey Data
Depth to Saturated Soil: none	(in)	□FAC-Neutral Test
Depth to Saturated Soil: none	(in.)	<u></u>
		☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for	wetland hydrolog	IV
Transfer Time one decorate internation		n.

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing scientist.	ned by a professiona	l soil	
Profile Desc	cription:		_					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-16		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	tions	ganic S sted on l sted on l	ns Inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	,			
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?					Sampling Point Within a \	Wetland? Yes	s ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 35
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Carex sp.	Н		11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Schizachyrium scoparium	Н	FACU+	13.				
6.	Solidago sp.	Н		14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/6 = 50%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determing scientist.	ned by a professiona	l soil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-11		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	ım	
11-16		10YR5/4	5YR4/6		Many, small, distinct	Clay loa	ım	
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 36
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Polygonum hydropiperoides	Н	OBL	11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Schizachyrium scoparium	Н	FACU+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:				
(Series and I	Phase):				Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determin scientist.	ned by a profess	ional soil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	retions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-2		10YR4/2	5YR4/6		Many, small, distinct	Cla	y loam	
2-4		10YR5/2	5YR4/6		Many, small, distinct	Cla	y loam	
4-16		10YR5/4	5YR4/6		Many, small, distinct	Cla	y loam	
Hydric Soil Indicators: Histosol							oils	
WETL	WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		☐ Yes ⊠ Yes	□No ⊠No □No		Sampling Point Within a	Wetland? □	Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 37
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Erodium texanum	Н		9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Rubus trivialis	Н	FAC	11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

	(s):		Wetland Hydrology Indicators:			
☐Stream, Lake, or Tide Gau	uge		Primary Indicators:			
			Inundated			
□Other			Saturated in Upper 12 Inches			
□No Recorded Data Available			☐Water Marks			
			☐Drift Lines			
Field Observations:			Sediment Deposits			
			☐Drainage patterns in Wetlands			
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):			
·		,				
Depth to Free Water in Pit:	10	(in.)	Water-Stained Leaves			
'		,	Local Soil Survey Data			
Depth to Saturated Soil:	8	(in.)	☐FAC-Neutral Test			
'		()	Other (Explain in Remarks)			
			_			
Remarks: This site meets the criteria f	or wetland	d hydrology.				
		,				
Depth of Surface Water:	10	(in.) (in.)	Sediment Deposits Drainage patterns in Wetlands Secondary Indicators (2 or more required): Soxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test			

Map Unit Name					Drainage Class:			
(Series and Phase):					Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Ye	S	⊠No*
					*Soils were not determin scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	3,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure,		
0-16		10YR4/1	5YR4/6		Many, small, distinct		Clay loam	
☐ Histosol ☐ Histic Epipedon ☐ Sulfidic Odor ☐ Aquic Moisture Regime ☐ Reducing Conditions ☐ Gleyed or Low-Chroma Colors			□Hic □Or: □Lis □Lis	Concretions High Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils Listed on Local Hydric Soils List Listed on National Hydric Soils List Other (Explain in Remarks)				
Nemarks.	THIS SILE THEELS LIT	e criteria for hydric s	ons.					
WET	WETLAND DETERMINATION							
	: Vegetation Preside drology Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 38
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Erodium texanum	Н		9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Paspalum urvillei	Н	FAC	11.				
4.	Paspalum notatum	Н	FAC	12.				
5.	Polygonum hydropiperoides	Н	OBL	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches ☐Water Marks					
INO NECOTACA Data Available	□ Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 12 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: 11 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and Phase):					Field Observations		
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin	ned by a professio	nal soil
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-3		10YR4/1	5YR4/6		Many, small, distinct	Clay	
3-8		10YR4/2	5YR4/6		Many, small, distinct	Clay	loam
8-16		10YR4/2	5YR4/6		Many, large, distinct	Clay	loam
Hydric Soil I	ndicators:						
	li re-re-el		По-				
	Histosol Histic Epipedon			ncretio		war in Candy Cail	2
	Sulfidic Odor			gh Organic Content in Surface Layer in Sandy Soils rganic Streaking in Sandy Soils			
	Sullidic Odol Aquic Moisture	Panima			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
	Gleyed or Low-0			Other (Explain in Remarks)			
_	0.0,00 0. 2011	oma coloro		101 (2)	piani in remarkoj		
Remarks: T	his site meets the	e criteria for hydric so	oils.				
		<u> </u>					
WETL	AND DETER	RMINATION					
	Vegetation Prese		□No	Is this	Sampling Point Within a \	Netland? 🛛 🖂 Y	∕es □No
	Irology Present?		□No				
Hydric Soils	Present?		□No				
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 39
(If needed, explain on reverse)			Alt G, in floodplain just N of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Erodium texanum	Н		9.			
2.	Cirsium horridulum	Н	FAC	10.			
3.	Rubus trivialis	Н	FAC	11.			
4.	Paspalum notatum	Н	FAC	12.			
5.	Solidago sp.	Н		13.			
6.	Schizachyrium scoparium	Н	FACU+	14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/6 = 50%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☑ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks
	Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (ir	
Depth to Free Water in Pit: none (ir	
	Local Soil Survey Data
Depth to Saturated Soil: none	(in.)
	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.

Map Unit Na	Map Unit Name			Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determing scientist.	ned by a professiona	al soil	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-6		10YR4/2	5YR4/6		Many, small, distinct	Clay loa	am
6-16		10YR4/2	5YR4/6		Many, large, distinct	Clay loa	am
Hydric Soil Indicators: Histosol							
WETL	WETLAND DETERMINATION						
Hydrophytic Vegetation Present?						s 🖾 No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/23/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 40
(If needed, explain on reverse)			Alt G, Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Ulmus americana	T	FAC	9.			
2.	Celtis laevigata	Т	FAC	10.			
3.	Smilax rotundifolia	H/V	FAC	11.			
4.	Quercus nigra	T/S	FAC+	12.			
5.	Lonicera japonica	H/V	FAC	13.			
6.	Chasmanthium latifolium	Н	FAC	14.			
7.	Elymus canadensis	Н	OBL	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/7 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

HIDROLOGI	
Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
⊠Aerial Photographs	∐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐Drift Lines
Field Observations:	☐Sediment Deposits
	□ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrological	gy. This site is located adjacent to a Stevenson Branch, a water of
the U.S. with an ordinary high water mark of approximately 10 fee	t.
1	

SUILS	,						
Map Unit Na	me				Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil		
					scientist.	<u> </u>	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		5YR3/3	5YR4/6		Common, small, distinct	Fine sandy loam	
2-10		7.5YR4/4	5YR4/6		Common, small, distinct	Fine sandy loam	
10-16		5YR4/6	5YR4/6		Common, small, distinct	Fine sandy loam	
		<u>l</u>				1	
Hydric Soil Ir	adicatore:						
Tiyane Son ii	idicators.						
Sulfidic Odor Organics Aquic Moisture Regime Listed on Reducing Conditions				gh Orga ganic S sted on sted on	ns inic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
Remarks: Th	his site does not	meet the criteria for	hydric soils.				
WETL	AND DETER	RMINATION					
Hydrophytic Vegetation Present?						Wetland? ☐ Yes ☑No	
Remarks: Th	his site is not loc	ated within a wetland	d due to the lack of	of wetla	nd hydrology and hydric s	soils.	

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 41
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Paspalum sp.	Н		12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Juncus effusus	Н	OBL	14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/6 = 67%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted most the official for well	iana nyarotogy.

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil scientist.				
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils.				
WETL	AND DETER	RMINATION					
Hydrophytic Vegetation Present? ☐ Yes ☐ No ☐ Is this Sampling Point Within a Wetland? ☐ Yes ☐ Y					Wetland? ☐ Yes ⊠No		
Hydric Soils		⊠ Yes	□No				
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 42
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		☐ Drift Lines ☐ Sediment Deposits
Depth of Surface Water: none	(in.)	□ Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 12	(in.)	
Depth to Saturated Soil: 11	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlan	d hydrology.	

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
					*Soils were not determined by a professional soil scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR3/4		Many, small, distinct	Fine sandy loam	
ı							
☐Sulfidic Odor ☐Organic S☐Aquic Moisture Regime ☐Listed on☐Reducing Conditions ☐Listed on☐					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETLAND DETERMINATION							
	Vegetation Prese Irology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 43
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Na	me				Drainage Class:		
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
					*Soils were not determined by a professional soil scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils.				
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 44
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.	Cirsium horridulum	Н	FAC	14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		Sediment Deposits
		Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
	` '	
Depth to Free Water in Pit: 13	(in.)	Water-Stained Leaves
.,	()	Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐FAC-Neutral Test
	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetla	nd hydrology	l
Tromano. This site mosts the ontona for world	ila ilyai ology.	

Map Unit Name			Drainage Class:				
(Series and	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
				ned by a professional soil			
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				gh Orga ganic S ted on ted on	ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 45
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name			Drainage Class:				
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
					*Soils were not determin scientist.	ned by a professional soil	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils.				
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 46
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum notatum	Н	FAC	9.				
2. Rubus Iouisianus	Н	FACW-	10.				
3. Cynodon dactylon	Н	FACU+	11.				
4. Juncus effusus	Н	OBL	12.				
5. Paspalum urvillei	Н	FAC	13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		☐Drift Lines ☐Sediment Deposits
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: 11	(in.)	☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	d hydrology.	

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	S	⊠No*		
					*Soils were not determin scientist.	ed by a prof	essional s	oil
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	oncretions	5,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure,	etc.	
0-6		10YR4/2	5YR4/6		Many, small, distinct	Fine	e sandy loa	am
6-16		10YR4/2	5YR4/6		Many, large, distinct	Fine	e sandy loa	am
Hydric Soil Indicators: Histosol						yer in Sandy	[,] Soils	
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Vetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 47
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Rubus trivialis	Н	FAC	14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Seturated in Linear 13 Jackson					
□No Recorded Data Available	☐Saturated in Upper 12 Inches ☐Water Marks ☐Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:		
(Series and I	Phase):			[Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
,						ned by a professional soil	
					scientist.	<u></u>	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-6		10YR3/2	5YR3/4		Common, small, distinct	Fine sandy loam	
6-16		10YR4/2	5YR4/6		Many, medium, distinct	Fine sandy loam	
		<u> </u>					
						†	
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture I Reducing Condi Gleyed or Low-C	Regime itions	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)				
WETLAND DETERMINATION							
	Vegetation Prese drology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a V	Wetland? ☐ Yes ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 48
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name			Drainage Class:				
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils. 				
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 49
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	☐Inundated
Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	□ Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (ir	n.) Secondary Indicators (2 or more required):
·	
Depth to Free Water in Pit: none (ir	
(Local Soil Survey Data
Depth to Saturated Soil: none (i	n.) FAC-Neutral Test
(Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wet	land hydrology.
Tromana. This are asserted most the official for well	iana nyarotogy.

Map Unit Name			Drainage Class:				
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils. 				
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 50
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum notatum	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Cynodon dactylon	Н	FACU+	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Paspalum urvillei	Н	FAC	13.			
6.	Rubus trivialis	Н	FAC	14.			
7.	Setaria geniculata	Н	FAC	15.			
8.	Cirsium horridulum	Н	FAC	16.			
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 7/8 = 88%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves
Depth to Saturated Soil: 11	(in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	1	

Map Unit Name			Drainage Class:				
(Series and	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
				ned by a professional soil			
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				gh Orga ganic S ted on ted on	ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETLAND DETERMINATION							
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 51
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
					*Soils were not determin scientist.	ned by a professional soil	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	Hydric Soil Indicators:						
	Histic Epipedon Sulfidic Odor		_ ,	0 0	inic Content in Surface La treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils. 				
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 52
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:				
☐Stream, Lake, or Tide Gauge		Primary Indicators:				
		☐Inundated				
Other		Saturated in Upper 12 Inches				
□No Recorded Data Available		☐Water Marks				
		☐Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
'	()	⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 14	(in.)	☐Water-Stained Leaves				
.,	()	☐Local Soil Survey Data				
Depth to Saturated Soil: 12	(in.)	☐FAC-Neutral Test				
	()	Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						
Tromano. Trilo one mode the ontena for wellan	a riyaralagy.					

Map Unit Name					Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	
, , ,				ned by a professional soil			
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
□ Sulfidic Odor □ Organic S □ Aquic Moisture Regime □ Listed on □ □ Reducing Conditions □ Listed on □					ons anic Content in Surface La Streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	
WETL	WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
Remarks: T	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 53
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.	Cirsium horridulum	Н	FAC	14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy (Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil scientist.		
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Cla	y loam
	□Sulfidic Odor □Organic □Aquic Moisture Regime □Listed or □Reducing Conditions □Listed or				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)		bils
WET	LAND DETER	RMINATION					
Wetland Hy Hydric Soils		☐ Yes ⊠ Yes	□No ⊠No □No		Sampling Point Within a \	Wetland?	Yes ⊠No
Remarks: 1	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 54
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum notatum	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Na	me				Drainage Class:		
(Series and I	Pha <u>se):</u>				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil scientist.				
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR4/2	5YR4/6		Many, small, distinct	Fine sandy loam	
	ndicators:]Histosol]Histic Epipedon			oncretio	ns Inic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor		_ ,	0 0	treaking in Sandy Soils	yer in Sandy Sons	
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	olain in Remarks)		
<u> </u>							
Remarks: I	his site meets the	e criteria for hydric so	oils. 				
WETL	AND DETER	RMINATION					
	Vegetation Presedrology Present?		□No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No	
Hydric Soils		⊠ Yes	□No				
Remarks: T	his site is not loc	ated within a wetland	d due to the lack of	of wetla	nd hydrology.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 55
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum notatum	Н	FAC	9.				
2. Paspalum urvillei	Н	FAC	10.				
Cynodon dactylon	Н	FACU+	11.				
4. Juncus effusus	Н	OBL	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Remarks: This site meets the criteria	a for hydrophytic ve	getation.					

 ☑ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☑ Aerial Photographs ☐ Other ☐ No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
Field Observations		□ Drift Lines
Field Observations:		☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 13	(in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: 12	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetlar	nd hydrology.	

	Drainage Class:		
	Field Observations		
	Confirm Mapped type? ☐ Yes ☐ No*		
Profile Description:			
Mottle Colors	Mottle	Texture, Concretions,	
(Munsell Moist)	Abundance/Contrast	Structure, etc.	
5YR4/6	Many, small, distinct	Fine sandy loam	
□Concret.	ione		
		ever in Sandy Soils	
		Tyor in ouncy cons	
Listed o	n National Hydric Soils List		
☐Other (E	Explain in Remarks)		
soils.			
	is Sampling Point Within a V	Wetland? ⊠ Yes □No	
∐NO			
		ļ	
	(Munsell Moist) 5YR4/6 □ Concret □ High Ori □ Organic □ Listed o □ Listed o □ Other (E	Field Observations Confirm Mapped type? *Soils were not determing scientist. Mottle Colors (Munsell Moist) SYR4/6 Many, small, distinct Concretions	

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 56
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Panicum virgatum	Н	FACW	9.			
2.	Polygonum hydropiperoides	Н	OBL	10.			
3.	Sedge sp.	Н		11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Dichanthelium sp.	Н		13.			
6.	Panicum capillare	Н	FAC	14.			
7.	Eleocharis smallii	Н	OBL	15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/7 = 71%						
Rei	marks: This site meets the criteria	a for hydrophytic vec	getation.				

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Na	ıme				Drainage Class:		
(Series and					Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determined by a professional soil		
				scientist.			
Profile Desc	cription:	+			•		
Depth	l	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16	ļ	10YR4/3	5YR4/6		Many, large, distinct	Fine sandy loam	
	ļ						
	ļ						
	ndicators:]Histosol]Histic Epipedon			oncretio ah Oras	ns anic Content in Surface La	over in Sandy Soils	
	Sulfidic Odor Aquic Moisture F		□Or □Lis	Organic Streaking in Sandy Soils Listed on Local Hydric Soils List			
	Reducing Condi Gleyed or Low-C				National Hydric Soils List plain in Remarks)		
<u> </u>							
Remarks: T	his site does not	meet the criteria for	hydric soils.				
WETL	AND DETER	MINATION					
Hydrophytic Vegetation Present?							No
Remarks: T	his site is not loc	ated within a wetland	due to the lack	of wetla	nd hydrology and hydric s	oils.	

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 57
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator					
1.	Polygonum hydropiperoides	Н	OBL	9.							
2.	Panicum virgatum	Н	FACW	10.							
3.	Hydrocotyle umbellata	Н	OBL	11.							
4.	Panicum capillare	Н	FAC	12.							
5.	Paspalum urvillei	Н	FAC	13.							
6.				14.							
7.				15.							
8.				16.							
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%										
Re	emarks: This site meets the criteria	a for hydrophytic ve	getation.		Remarks: This site meets the criteria for hydrophytic vegetation.						

Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
⊠Aerial Photographs		□Inundated
□Other		Saturated in Upper 12 Inches
□No Recorded Data Available		☐Water Marks
		☐Drift Lines
Field Observations:		☐Sediment Deposits
		☐Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 5	(in.)	☐Water-Stained Leaves
'	()	Local Soil Survey Data
Depth to Saturated Soil: 3	(in.)	☐FAC-Neutral Test
.,	()	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hvdrology.	1
Transaction of the street working	,	

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ned by a profes	sional soil
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Con	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc	С.
0-3		2.5Y3/1	7.5Y4/6		Many, small, distinct	Fine s	sandy loam
3-16		10YR4/2	5YR4/6		Many, large distinct	Fine s	sandy loam
☐Sulfidic Odor ☐Organic Streaki☐Aquic Moisture Regime ☐Listed on Local				anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List	yer in Sandy S	oils	
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? [] Yes ⊠No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 58
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Lonicera japonica	H/V	FAC	9.			
2.	Rubus Iouisianus	H/V	FACW-	10.			
3.	Salix nigra	Т	FACW+	11.			
4.	Liquidambar styraciflua	S	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic veç	getation.				

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks ☐Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	jy.

Map Unit Name				Drainage Class:		
(Series and F					Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*
					*Soils were not determin scientist.	ed by a professional soil
Profile Desc	ription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-6		5YR3/4				Clay loam
6-16		10YR4/3	5YR4/6		Many, medium, distinct	Fine sandy loam
Hydric Soil Ir	ndicators:					
	Histosol Histic Epipedon			ncretio	ns nic Content in Surface La	ver in Sandv Soils
	Sulfidic Odor				treaking in Sandy Soils	, ,
	Aquic Moisture F				Local Hydric Soils List	
	Reducing Condit				National Hydric Soils List	
Ш	Gleyed or Low-C	Chroma Colors	∐Oth	ner (Exp	olain in Remarks)	
Damento, Ti	· ! !ta alaaa aat		to other and a			
Remarks: ir	nis site does not	meet the criteria for	hydric soils.			
WETI	AND DETER	MINIATION				
VVEIL	AND DETEN	WINATION	T			1
	Vegetation Prese		□No	Is this	Sampling Point Within a V	Vetland? ☐ Yes ☐ No
Wetland Hyd Hydric Soils I	rology Present?	☐ Yes ☐ Yes	⊠No ⊠No			
Hydric Solls I	riesent?	☐ Tes				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 59
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Lonicera japonica	H/V	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Hydrocotyle umbellata	Н	OBL	12.			
5.	Cephalanthus occidentalis	Н	OBL	13.			
6.				14.			
7.				15.			
8.				16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.				

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:		Sediment Deposits
Depth of Surface Water: none	(in.)	☐ Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐ Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 14	(in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 12	(in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	hydrology.	•

Map Unit Name				Drainage Class:		
(Series and I	Phase):			Field Observations		
Taxonomy (S	Subgroup):			Confirm Mapped type? ☐ Yes ☐No*		
				*Soils were not determined by a professional soil		
			scientist.			
Profile Desc	ription:					
Depth		Matrix Color	Mottle Colors	Mottle Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	t) Abundance/Contrast Structure, etc.		
0-10		2.5Y3/2	5YR3/4	4 Many, small, distinct Clay loam		
10-16		10YR3/2	5YR3/4	Many, medium, Clay loam distinct		
☐ Histic Epipedon ☐ High Orga ☐ Sulfidic Odor ☐ Organic S ☐ Aquic Moisture Regime ☐ Listed on ☐ Reducing Conditions ☐ Listed on				Concretions digh Organic Content in Surface Layer in Sandy Soils Organic Streaking in Sandy Soils isted on Local Hydric Soils List isted on National Hydric Soils List Other (Explain in Remarks)		
WETLAND DETERMINATION						
	Vegetation Prese Irology Present? Present?	ent?	□No □No □No	Is this Sampling Point Within a Wetland? ⊠ Yes □No		
Remarks: T	Remarks: This site is located within a wetland.					

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 60
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	Н	FAC	9.				
2.	Rubus Iouisianus	Н	FACW-	10.				
3.	Salix nigra	Т	FACW	11.				
4.	Fraxinus pennsylvanica	Т	FACW-	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:			
(Series and Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes		
				*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:				Colonidot		
Depth	T .	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-5		5YR4/4				Fine sandy loam	
5-11		7.5YR4/4	2.5YR3/6	6	Many, small, distinct	Fine sandy loam	
11-16		7.5YR4/4	2.5YR3/6	6	Many, large, distinct	Fine sandy loam	
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		☐ Yes ☐ Yes	□No ⊠No ⊠No		Sampling Point Within a \		
Remarks: Ti	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 61
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Panicum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines						
Field Observations:	Sediment Deposits						
Depth of Surface Water: none (in.)	□ Drainage patterns in Wetlands Secondary Indicators (2 or more required):						
Depth to Free Water in Pit: 14 (in.)							
Depth to Saturated Soil: 12 (in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)						
Remarks: This site meets the criteria for wetland hydrology.							

Map Unit Name					Drainage Class:				
(Series and	d Phase):				Field Observations				
Taxonomy	Taxonomy (Subgroup):				Confirm Mapped type?	☐ Ye	S	⊠No*	
		*Soils were not determine scientist.	ned by a prof	fessional s	oil				
Profile Des	scription:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, C Structure,		3,	
0-16		10YR4/2	5YR3/4		Many, small, distinct		Clay loam	ı	
[[[[☐ Histic Epipedon ☐ Sulfidic Odor ☐ Aquic Moisture F ☐ Reducing Condii ☐ Gleyed or Low-C	tions Chroma Colors	 ☐ High Organic Content in Surface Layer in Sandy Soils ☐ Organic Streaking in Sandy Soils ☐ Listed on Local Hydric Soils List ☐ Listed on National Hydric Soils List ☐ Other (Explain in Remarks) 						
Remarks:	This site meets the	e criteria for hydric so	OIIS.						
WET	WETLAND DETERMINATION								
	c Vegetation Prese ydrology Present? s Present?	ent?	□No □No □No	Is this	Sampling Point Within a	Wetland?	⊠ Yes	□No	
Remarks:	This site is located	d within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 62
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	3	⊠No*
					*Soils were not determin scientist.	ned by a prof	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)		Mottle Abundance/Contrast	Texture, Co Structure, o		,
0-16	İ	10YR4/2	5YR3/4		Many, small, distinct	(Clay loam	
							-	
<u> </u>		<u> </u>						
Hydric Soil Indicators: Histosol					yer in Sandy	/ Soils		
WET	WETLAND DETERMINATION							
	Vegetation Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland?	Yes	⊠No
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 63
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Rubus trivialis	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.	Paspalum urvillei	Н	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II .	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Na	Map Unit Name				Drainage Class:				
(Series and	Phase):				Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	3	⊠No*	
					*Soils were not determin scientist.	ned by a prof	essional s	oil	
Profile Des	cription:								
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)		Mottle Abundance/Contrast	Texture, Co Structure, o		,	
0-16	İ	10YR4/2	5YR3/4		Many, small, distinct	(Clay loam		
							-		
<u> </u>		<u> </u>							
☐Sulfidic Odor ☐Organic S☐Aquic Moisture Regime ☐Listed on☐Reducing Conditions ☐Listed on☐					ns unic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	yer in Sandy	/ Soils		
WET	WETLAND DETERMINATION								
	Vegetation Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland?	Yes	⊠No	
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 64
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum capillare	Н	FAC	9.				
2.	Polugonum hydropiperoides	Н	OBL	10.				
3.	Paspalum urvillei	Н	FAC	11.				
4.	Juncus effusus	Н	OBL	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Seturated in Linear 13 Jacks					
□No Recorded Data Available	☐Saturated in Upper 12 Inches ☐Water Marks ☐Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*		
					*Soils were not determin scientist.	ned by a professional soi	il	
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam		
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
	Vegetation Prese drology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes	⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 65
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant S	pecies S	tratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Paspalum capillare	9	Н	FAC	9.			
2. Rubus trivialis		Н	FAC	10.			
3. Paspalum urvillei		Н	FAC	11.			
4. Juncus effusus		Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:				
☐Stream, Lake, or Tide Gauge		Primary Indicators:				
		□Inundated				
Other		Saturated in Upper 12 Inches				
□No Recorded Data Available		☐Water Marks				
		☐ Drift Lines				
Field Observations:		Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
.,	` /	⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: 13	(in.)	☐Water-Stained Leaves				
	()	☐Local Soil Survey Data				
Depth to Saturated Soil: 12	(in.)	□FAC-Neutral Test				
Bopar to Gataratou Com.	()	Other (Explain in Remarks)				
Remarks: This site meets the criteria for wetland hydrology.						
Tremands. This site meets the chieffa for wetlan	a riyarology.					

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determin scientist.	ned by a profess	sional soil	
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc		
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam	
	☐ Sulfidic Odor ☐ Organic ☐ Aquic Moisture Regime ☐ Listed o☐ ☐ Reducing Conditions ☐ Listed o				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils	
WET	WETLAND DETERMINATION							
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵]Yes □No	
Remarks: 1	Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 66
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
Paspalum capillare	Н	FAC	9.				
2. Juncus effusus	Н	OBL	10.				
3. Paspalum urvillei	Н	FAC	11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%							
Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 11 (in.)	
Depth to Saturated Soil: 10 (in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrol	ogy.

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy ((Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profess	sional soil
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam
	☐ Sulfidic Odor ☐ Organ ☐ Aquic Moisture Regime ☐ Listed ☐ Reducing Conditions ☐ Listed			gh Orga rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	pils
WET	WETLAND DETERMINATION						
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵]Yes □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 67
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator							
Paspalum capillare	Н	FAC	9.									
2. Juncus effusus	Н	OBL	10.									
3. Paspalum urvillei	Н	FAC	11.									
4.			12.									
5.			13.									
6.			14.									
7.			15.									
8.			16.									
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%												
Remarks: This site meets the criteria	a for hydrophytic veç	getation.			Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	Sediment Deposits
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 11 (in.)	⊠Oxidized Root Channels in Upper 12 inches □Water-Stained Leaves
Depth to Saturated Soil: 10 (in.)	□Local Soil Survey Data □FAC-Neutral Test □Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy ((Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profess	sional soil
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam
	☐ Sulfidic Odor ☐ Organ ☐ Aquic Moisture Regime ☐ Listed ☐ Reducing Conditions ☐ Listed			gh Orga rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	oils
WET	WETLAND DETERMINATION						
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵]Yes □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 68
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Do	ominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1. Pa	aspalum notatum	Н	FAC	9.			
2. Pa	aspalum capillare	Н	FAC	10.			
3. C	Synodon dactylon	Н	FACU+	11.			
4. Ju	uncus effusus	Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Remark	ks: This site meets the criteria	a for hydrophytic veg	getation.				

⊠Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Seturated in Linear 13 Jacks					
□No Recorded Data Available	☐Saturated in Upper 12 Inches ☐Water Marks ☐Drift Lines					
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a professional soi	il	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam	
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
	Vegetation Prese drology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes	⊠No
Remarks: Th	Remarks: This site is not located within a wetland due to the lack of wetland hydrology.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 69
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Paspalum capillare	Н	FAC	9.			
2.	Rubus Iouisianus	Н	FACW-	10.			
3.	Polygonum hydropiperoides	Н	OBL	11.			
4.	Juncus effusus	Н	OBL	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

⊠Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Seturated in Linear 13 Jacks				
□No Recorded Data Available	☐Saturated in Upper 12 Inches ☐Water Marks ☐Drift Lines				
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands				
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data				
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)				
Remarks: This site does not meet the criteria for wetland hydrology.					

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determin scientist.	ned by a professional soi	il		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Clay loam	
Hydric Soil Indicators: Histosol							
WETL	AND DETER	MINATION					
	Vegetation Prese drology Present? Present?		□No ⊠No □No	Is this	Sampling Point Within a \	Wetland? ☐ Yes	⊠No
Remarks: Th	his site is not loc	ated within a wetland	due to the lack of	of wetla	nd hydrology.		

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 70
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Paspalum capillare	Н	FAC	9.			
2. Polygonum hydropiperoides	Н	OBL	10.			
3. Juncus effusus	Н	OBL	11.			
4.			12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Depth of Surface Water: none (in	
Depth to Free Water in Pit: 14 (in	
Depth to Saturated Soil: 12 (in	☐ Local Soil Survey Data ☐ FAC-Neutral Test ☐ Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hyd	rology.

Map Unit Na	Map Unit Name				Drainage Class:		
(Series and	Phase):				Field Observations		
Taxonomy ((Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
				*Soils were not determin scientist.	ned by a profess	sional soil	
Profile Des	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Cond	cretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc	
0-16		10YR3/2	5YR4/6		Many, small, distinct	Cla	y loam
	☐ Histic Epipedon ☐ High (☐ Sulfidic Odor ☐ Organ ☐ Aquic Moisture Regime ☐ Listed ☐ Reducing Conditions ☐ Listed			rganic S sted on I sted on I	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List Dlain in Remarks)	ayer in Sandy So	oils
WET	WETLAND DETERMINATION						
	Vegetation Pres drology Present? Present?		□No □No □No	Is this	Sampling Point Within a \	Wetland? 🗵]Yes □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 71
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
Polygonum hydropiperoides	Н	OBL	9.			
2. Juncus effusus	Н	OBL	10.			
3. Paspalum urvillei	Н	FAC	11.			
4.			12.			
5.			13.			
6.			14.			
7.			15.			
8.			16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/3 = 100%						
Remarks: This site meets the criteria for hydrophytic vegetation.						

 ☑Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:		☐ Drift Lines ☐ Sediment Deposits
Depth of Surface Water: none	(in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 13	(in.)	☑Oxidized Root Channels in Upper 12 inches☐Water-Stained Leaves☐Local Soil Survey Data
Depth to Saturated Soil: 12	(in.)	FAC-Neutral Test Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland	d hydrology.	

Map Unit Na					Drainage Class:		
(Series and F	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*	
					*Soils were not determing	ned by a professional soil	
				scientist.	· · · · · · · · · · · · · · · · · · ·		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-8		10YR3/2	5YR4/6		Many, small, distinct	Clay loam	
8-16		10YR4/1	5YR3/4		Many, large, distinct	Clay loam	
					, , , , ,	,	
						I	\neg
Hydric Soil Ir	ndicators:						
'							
l 🗆	Histosol		□Co	ncretio	ns		
	Histic Epipedon		□Hiç	gh Orga	n Organic Content in Surface Layer in Sandy Soils		
	Sulfidic Odor		□Or	ganic S	anic Streaking in Sandy Soils		
	Aquic Moisture F	Regime			ted on Local Hydric Soils List		
l 🗆	Reducing Condi	tions			National Hydric Soils List		
	Gleyed or Low-C	Chroma Colors	□Ot	her (Ex	plain in Remarks)		
	-						
Remarks: Th	his site meets the	e criteria for hydric so	oils.				
WETL	AND DETER	MINATION					
Hydrophytic '	Vegetation Prese	ent? X Yes	П№	Is this	Sampling Point Within a	Wetland? ⊠ Yes □No)
	Irology Present?	∑ Yes	□No	10 11110	Carripining Fount Vitamira		
Hydric Soils		⊠ Yes	□No				
i i yano cono i	. 1000111.	△ 100					
Remarks: Th	Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 72
(If needed, explain on reverse)			Alt G, in floodplain just S of
			Stevenson Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Paspalum urvillei	Н	FAC	9.				
2.	Cirsium horridulum	Н	FAC	10.				
3.	Cynodon dactylon	Н	FACU+	11.				
4.	Juncus effusus	Н	OBL	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/4 = 75%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge ⊠Aerial Photographs □Other	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks ☐Drift Lines					
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determing scientist.	ned by a professiona	l soil
Profile Desc	ription:		_				
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ns,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-8		10YR3/2	5YR4/6		Many, small, distinct	Clay loa	ım
8-16		10YR4/1	5YR3/4		Many, large, distinct	Clay loa	ım
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present? Wetland Hydrology Present? Hydric Soils Present? Yes No Yes No Yes No							s ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	$\boxtimes No$	Plot ID: WDP 73
(If needed, explain on reverse)			Alt G, seep in floodplain just S
			of Stevenson Branch

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.			9.				
2.			10.				
3.			11.				
4.			12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-)							
Remarks: There is no vegetation inside the area – appears to be a seep.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
⊠Aerial Photographs	⊠Inundated
□Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐Drift Lines
Field Observations:	☐Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: 1 (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 0 (in.)	☐Water-Stained Leaves
. , ,	☐Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	FAC-Neutral Test
. ,	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology. The	seep appears to run downhill toward Stevenson Branch, then goes
back underground.	, ,
Ŭ	

JOIL	,							
Map Unit Name					Drainage Class:			
(Series and I	Phase):			Ī	Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
, ,	0 17					ned by a professional soil		
					scientist.	, .		
Profile Desc	ription:							
Depth	•	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-10		10YR2/1				Fine sandy loam		
10-16		10YR4/2	5YR5/8		Common, small, distinct	Fine sandy loam		
Hydric Soil Ir	ndicators:							
	Histosol		ПСо	ncretion	ne			
	Histic Epipedon	ì			nic Content in Surface La	aver in Sandy Soils		
	Sulfidic Odor	ı			treaking in Sandy Soils	ayer in Ganay Goile		
_	Aguic Moisture	Regime			Local Hydric Soils List			
	Reducing Cond				National Hydric Soils List			
	Gleyed or Low-	Chroma Colors			olain in Remarks)			
	•				,			
Remarks: TI	his site meets th	ne criteria for hydric s	oils.					
WETL	AND DETER	RMINATION						
Hydrophytic '	Vegetation Pres	sent?	□No	Is this	Sampling Point Within a	Wetland? ⊠ Yes □No		
Wetland Hydrology Present? ☐ Yes ☐ No					1 0			
Hydric Soils	Present?		□No					
		tation exists within th	e area, this site is	slocated	d within a wetland becaus	se wetland hydrology and hydric		
soils are present.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 1/24/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Jeff Allen, Christine Hasselbeck			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: WDP 74
(If needed, explain on reverse)			Alt G, adjacent to seep in
			floodplain just S of Stevenson
			Branch

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Ulmus americana	Т	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	llex opaca	S	FACU	11.				
4.	Liquidambar styraciflua	Т	FAC	12.				
5.	Quercus falcate	Т	FACU	13.				
6.	Smilax rotundifolia	H/V	FAC	14.				
7.	Juniperus virginiana	S	FACU-	15.				
8.	Lonicera japonica	H/V	FAC	16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/8 = 63%								
Remarks: This site meets the criteria for hydrophytic vegetation.								

TITDROLOGI	
Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	∬Inundated
Other	Saturated in Upper 12 Inches
☐No Recorded Data Available	■Water Marks
	Drift Lines
Field Observations:	☐Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.	
Depart of Sanace Water. Hone (iii.	Oxidized Root Channels in Upper 12 inches
5 4 5 5 14 6 5 15 16	
Depth to Free Water in Pit: none (in.	.) Water-Stained Leaves
	☐Local Soil Survey Data
Depth to Saturated Soil: none (in	n.)
	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetla	and hydrology.

Map Unit Name					Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determing scientist.	ned by a profession	al soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concret	ions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-10		10YR3/3	5YR3/4		Many, small, distinct	Fine sand	ly loam
10-16		10YR4/3	5YR3/4		Many, small, distinct	Fine sand	ly loam
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Hydrophytic Vegetation Present? Wetland Hydrology Present? Hydric Soils Present? Yes No No No Hydric Soils Present?							es ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

			- : - !- !- ·
Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 75
(If needed, explain on reverse)			Tributary to Duck Creek, Alt G

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Quercus nigra	Т	FAC+	9.				
2.	Quercus falcata	Т	FACU	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/4 = 50%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

IIIDKOLOGI		
□ Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge		Primary Indicators:
	ļ	☐Inundated
Other	ļ	Saturated in Upper 12 Inches
☐No Recorded Data Available		☐Water Marks
	ļ	☐ Drift Lines
Field Observations:		Sediment Deposits
	ļ	☐ Drainage patterns in Wetlands
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):
'	,	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves
'	,	Local Soil Survey Data
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test
	` '	Other (Explain in Remarks)
	ļ	, , , , , ,
Remarks: This site does not meet the criteria for	wetland hydrolog	y. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 6 feet. Water v	was present within	the channel.
	•	

Map Unit Name			Drainage Class:					
(Series and Phase):			Field Observations					
Taxonomy (Confirm Mapped type? ☐ Yes ☐ No*			⊠No*
					*Soils were not determing scientist.	ned by a profe	essional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist))	Mottle Abundance/Contrast	Texture, Co Structure, 6		>,
0-16		2.5 YR 3/6		<u>'</u>			sandy lo	am
						†	, , ,	
	T							
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					ns anic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List plain in Remarks)	,	Soils	
WET	LAND DETER	RMINATION						
	Vegetation Preside Vology Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland?	☐ Yes	⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/6/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 76
(If needed, explain on reverse)			Tributary to Prairie Creek,
,			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus falcata	Т	FACU	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/5 = 60%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

TITEROLOGI	
Recorded Data (Describe in Remarks): □Stream, Lake, or Tide Gauge □Aerial Photographs □Other □No Recorded Data Available Field Observations: Depth of Surface Water: none (in.) Depth to Free Water in Pit: none (in.)	Wetland Hydrology Indicators: Primary Indicators: Inundated Saturated in Upper 12 Inches Water Marks Drift Lines Sediment Deposits Drainage patterns in Wetlands Secondary Indicators (2 or more required): Woxidized Root Channels in Upper 12 inches Water-Stained Leaves Local Soil Survey Data FAC-Neutral Test Other (Explain in Remarks)
	nd hydrology. This site is adjacent to a water of the U.S. with an ordinary esent within the channel, flowing east. Water was observed seeping out of ro hills) and into creek.

Map Unit Name			Drainage Class:					
(Series and Phase):			Field Observations					
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
						ned by a professional soil		
					scientist.			
Profile Desc	ription:				 	+		
Depth	l	Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-4	ļ	10YR5/8				Sand		
4-8		7.5YR4/6				Sand		
8-16		10YR6/4	7.5YR5/8	3	Few, small, distinct	Sand		
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
Hydrophytic Vegetation Present?								
Remarks: The	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/7/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 77
(If needed, explain on reverse)			Tributary to Duck Creek, Alt D

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Berchemia scandens	V	FAC+	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.					

IIIDKOLOGI	
⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
	Inundated
Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☐Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
()	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	□Water-Stained Leaves
	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
2 op in to catarated com 110.110 (1111)	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrol	logy. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 4 feet.	agy. The site is adjacon to a mater of the old. With all ordinary
The real of the re	

Map Unit Name					Drainage Class:				
(Series and Phase):					Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes			
						ned by a professional soil			
					scientist.				
Profile Desc	cription:								
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,			
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.			
0-3		5YR3/3				Fine sandy loam			
3-16		2.5YR3/6				Fine sandy loam			
	1								
Hydric Soil Indicators: Histosol									
WETL	AND DETER	RMINATION							
	Vegetation Presedrology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a	Wetland? ☐ Yes ☑No			
Remarks: T	Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 78
(If needed, explain on reverse)			Non-jurisdictional drainage,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Liquidambar styraciflua	Т	FAC	12.				
5.	Berchemia scandens	V	FAC+	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:						
☐Stream, Lake, or Tide Gauge	Primary Indicators:						
Aerial Photographs	□Inundated						
Other	Saturated in Upper 12 Inches						
□No Recorded Data Available	Water Marks						
	□Drift Lines						
Field Observations:	Sediment Deposits						
	☐Drainage patterns in Wetlands						
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):						
Bopar of Gariago Water. Horio (iii.)	Oxidized Root Channels in Upper 12 inches						
Depth to Free Water in Pit: none (in.)	□ Water-Stained Leaves						
Deput to Free water in Fig. Hone (iii.)	□ Local Soil Survey Data						
Donth to Coturated Cails name (in)	☐ FAC-Neutral Test						
Depth to Saturated Soil: none (in.)							
	☐Other (Explain in Remarks)						
	gy. This site is adjacent to a channel with a width varying between						
2-12 feet (average 4 feet). The channel is located between two hi	2-12 feet (average 4 feet). The channel is located between two hills and has water pooled in some places. This channel was						
determined not to be jurisdictional because of a lack of connectivit	ty to other jurisdictional waters (no significant nexus). It appears to						
be an eroded low spot between the hills.	, , , , , , , , , , , , , , , , , , , ,						
! · · · · · · · · · · · · · · · · · · ·							

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (Subgroup):					Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ned by a professiona	al soil	
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-16		5YR4/6	10YR3/1		Many, small, distinct	Sandy Id	am	
			<u> </u>					
Hydric Soil Indicators: Histosol								
\A/E-T-1								
WEIL	AND DETER	RMINATION						
Hydrophytic Vegetation Present?							s ⊠No	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 79
(If needed, explain on reverse)			Western branch of Tributary
			to Long Brake Creek, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

☐Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other ☐No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches
Other	
— • • •	Saturated in Upper 12 Inches
□No Recorded Data Available	
	□Water Marks
	☐Drift Lines
Field Observations:	Sediment Deposits
	Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
()	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
()	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
()	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland	hydrology. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 6 feet.	. ,

Map Unit Name				Drainage Class:			
(Series and F					Field Observations		
Taxonomy (S	ubgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determine	ned by a profession	onal soil
					scientist.		
Profile Desc	ription:	·		-	-	.	
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR5/8				Sa	and
Hydric Soil Indicators: Histosol							
	Reducing Condi Gleyed or Low-C				National Hydric Soils List plain in Remarks)		
Remarks: Th	is site does not	meet the criteria for	hydric soils.				
WETLAND DETERMINATION							
	egetation Prese		□No	Is this	Sampling Point Within a \	Wetland?	Yes ⊠No
	rology Present?	Yes	⊠No				
Hydric Soils F	resent?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 80
(If needed, explain on reverse)			Eastern branch of Tributary to
			Long Brake Creek, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Lonicera japonica	V	FAC	9.				
2.	Quercus nigra	Т	FAC+	10.				
3.	Smilax rotundifolia	V	FAC	11.				
4.	Juniperus virginiana	Т	FACU	12.				
5.	Liquidambar styraciflua	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/5 = 80%								
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:						
☐Stream, Lake, or Tide Gauge		Primary Indicators:						
		□Inundated						
Other		Saturated in Upper 12 Inches						
□No Recorded Data Available		☐Water Marks						
		☐Drift Lines						
Field Observations:		☐Sediment Deposits						
		☐Drainage patterns in Wetlands						
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):						
·	, ,	Oxidized Root Channels in Upper 12 inches						
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves						
'	` '	Local Soil Survey Data						
Depth to Saturated Soil: none	(in.)	□FAC-Neutral Test						
.,	(/	Other (Explain in Remarks)						
		_						
Remarks: This site does not meet the criteria for	wetland hydrolog	y. This site is adjacent to a water of the U.S. with an ordinary						
high water mark of approximately 4 feet.	, 0, ,							

Map Unit Name				Drainage Class:			
(Series and F					Field Observations		
Taxonomy (S	ubgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determine	ned by a profession	onal soil
					scientist.		
Profile Desc	ription:	·		-	-	.	
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		10YR5/8				Sa	and
Hydric Soil Indicators: Histosol							
	Reducing Condi Gleyed or Low-C				National Hydric Soils List plain in Remarks)		
Remarks: Th	is site does not	meet the criteria for	hydric soils.				
WETLAND DETERMINATION							
	egetation Prese		□No	Is this	Sampling Point Within a \	Wetland?	Yes ⊠No
	rology Present?	Yes	⊠No				
Hydric Soils F	resent?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/5/08
Applicant/Owner: TxDOT			County: Smith
Investigator: Christine Hasselbeck, Patrick Kainer			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 81
(If needed, explain on reverse)			Tributary to Eastern branch of
			Tributary to Long Brake
			Creek, both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Chasmanthium latifolium	Н	FAC	9.			
2.	Quercus nigra	Т	FAC+	10.			
3.	Smilax rotundifolia	V	FAC	11.			
4.	Liquidambar styraciflua	Т	FAC	12.			
5.				13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):		Wetland Hydrology Indicators:				
☐Stream, Lake, or Tide Gauge		Primary Indicators:				
		☐Inundated				
Other		☐Saturated in Upper 12 Inches				
■No Recorded Data Available		☐Water Marks				
		☐Drift Lines				
Field Observations:		☐Sediment Deposits				
		☐Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
		Oxidized Root Channels in Upper 12 inches				
Depth to Free Water in Pit: none	(in.)	☐Water-Stained Leaves				
		☐Local Soil Survey Data				
Depth to Saturated Soil: none	(in.)	☐FAC-Neutral Test				
•	,	☐Other (Explain in Remarks)				
		, , , , , , , , , , , , , , , , , , ,				
Remarks: This site does not meet the criteria for wetland hydrology. This site is adjacent to a water of the U.S. with an ordinary						
high water mark of approximately 3 feet.	,					
3						

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ned by a profession	nal soil
Profile Desc	ription:			-			
Depth	i	Matrix Color	Mottle Colors	-	Mottle	Texture, Concre	tions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-16		7.5YR5/8				Sar	nd
Hydric Soil Indicators: Histosol						;	
WETL	AND DETER	MINATION					
	Vegetation Prese Irology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a \	Wetland? 🔲 Y	′es ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 82
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Acer rubrum	Т	FAC	10.			
3.	Smilax rotundifolia	V	FAC	11.			
4.	Ilex vomitoria	S	FAC-	12.			
5.	llex opaca	S	FACU	13.			
6.	Lonicera japonica	V	FAC	14.			
7.	Toxicodendron radicans	V	FAC	15.			
8.	Carex sp.	Н		16.			
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/8 = 63%						
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators: Primary Indicators: □Inundated					
□Other	Saturated in Upper 12 Inches					
□No Recorded Data Available	□Water Marks					
	⊠Drift Lines					
Field Observations:	Sediment Deposits					
	☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
, ,	Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves					
, ,	Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	FAC-Neutral Test					
, ,	Other (Explain in Remarks)					
	_ ` ' '					
Remarks: This site meets the criteria for wetland hydrology. There are clear drift lines and evidence of recent sheet flow.						
, , , , , , , , , , , , , , , , , , , ,						

Map Unit Name				D	Drainage Class:			
(Series and F	Phase):			Fi	Field Observations			
Taxonomy (S	Subgroup):			С	Confirm Mapped type? ☐ Yes ☐ No*			
				Soils were not determin	ed by a profession	onal soil		
Profile Desc	rintion:			30	ionio.			
Depth	приот.	Matrix Color	Mottle Colors	N/	lottle	Texture, Concre	ations	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		bundance/Contrast	Structure, etc.	stions,	
0-2	TIONZON	10 YR 3/2			buridance/Contrast		y sand	
2-8		10 YR 4/4	5YR 3/4		ew, medium, distinct		y sand	
8-16		10 YR 5/4	5 YR 3/4		Common, small, distinct	Sa	ina	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on				n Organic anic Strea ed on Loc ed on Nat	Content in Surface La aking in Sandy Soils al Hydric Soils List ional Hydric Soils List n in Remarks)	yer in Sandy Soil	S	
WETL	AND DETER	MINATION						
	Vegetation Prese rology Present? Present?	ent?	□No Is □No ⊠No	Is this Sampling Point Within a Wetland? ☐ Yes ☐ No				
Remarks: Th	Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 83
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

Dominant Plant Spec	cies Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1. Betula nigra	Т	FACW	9.				
2. Liquidambar styraciflu	ua T	FAC	10.				
3. Smilax bona-nox	V	FAC	11.				
4. Lonicera japonica	V	FAC	12.				
5.			13.				
6.			14.				
7.			15.				
8.			16.				
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Remarks: This site meets	Remarks: This site meets the criteria for hydrophytic vegetation.						

☑Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
☐Aerial Photographs	□Inundated					
Other	☐Saturated in Upper 12 Inches					
■No Recorded Data Available	☐Water Marks					
	☑Drift Lines					
Field Observations:	Sediment Deposits					
	☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
	⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 8 (in.)	Water-Stained Leaves					
()	☐Local Soil Survey Data					
Depth to Saturated Soil: 5 (in.)	☐FAC-Neutral Test					
	Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						
Tronance Trib one mode are entered for welland hydrology.						

Remarks: This site is located within a wetland.

SUIL	3							
Map Unit Na	ame			Drainage Class:				
(Series and	Phase):			Field (Field Observations			
Taxonomy (Subgroup):			Confir	m Mapped type?	☐ Yes	⊠No*	
				*Soils	were not determine	ned by a profession	onal soil	
				scienti	st.			
Profile Des	cription:							
Depth		Matrix Color	Mottle Colors	Mottle		Texture, Concre	etions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abund	dance/Contrast	Structure, etc.		
0-3		10 YR 3/3				Fine sar	ndy loam	
3-8		10 YR 4/2	5YR 3/4	Com	nmon, medium, distinct	Sandy	y loam	
8-16		10 YR 5/3	5 YR 4/6	Com	nmon, medium, distinct	Sa	and	
Hydric Soil I	ndicators:							
☐ Histic Epipedon ☐ Hig☐ Sulfidic Odor ☐ Org☐ Aquic Moisture Regime ☐ List☐ Reducing Conditions ☐ List☐ ☐ List☐ ☐ Conditions ☐ List☐				ganic Streaking sted on Local H	j in Sandy Soils ydric Soils List I Hydric Soils List	ayer in Sandy Soil	s	
Remarks: T	his site meets th	e criteria for hydric so	oils due to satura	tion and low ch	roma colors.			
WETL	AND DETER	RMINATION						
Hydrophytic Vegetation Present?					Yes □No			

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 84
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	Т	FAC	13.				
6.	Quercus falcata	S	FACU	14.				
7.	Quercus nigra	S	FAC+	15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	□Sediment Deposits □Drainage patterns in Wetlands
Depth of Surface Water: none (ir	
Depth to Free Water in Pit: 14 (ir	n.) Water-Stained Leaves
Depth to Saturated Soil: 11 (in	☐Local Soil Survey Data ☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hyd	rology.

Map Unit Name			Drainage Class:				
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
			*Soils were not determined by a professional soil				
					scientist.		
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concre	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine san	
2-5		10 YR 4/3	5YR 3/4		Few, small, distinct	Fine san	dy loam
5-8		10YR 5/3	5 YR 5/6		Few, small, distinct	Loamy	/ sand
8-16		10 YR 5/3	5 YR 5/6		Few, small, distinct	Sai	nd
Hydric Soil Ir	ndicators:						
]Histosol		ПС	ncretio			
_	Histic Epipedon				ns anic Content in Surface La	over in Sandy Soils	c
	Sulfidic Odor				Streaking in Sandy Soils	tyer in Sandy Son	3
_	Aquic Moisture F	Regime			Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
	Gleyed or Low-C				plain in Remarks)		
			_	`	,		
Remarks: T	his site does not	meet the criteria for	hydric soils.				
					·		
WETL	AND DETER	MINATION					
Hydrophytic	Vegetation Prese		□No	Is this	Sampling Point Within a \	Wetland? Y	∕es ⊠No
	drology Present?		□No				
Hydric Soils	Present?	☐ Yes	⊠No				
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 85
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Nyssa sylvatica	S	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
☐Aerial Photographs	☐Inundated					
□Other	☐Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks					
	□ Drift Lines					
Field Observations:	Sediment Deposits					
	☐Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
	⊠Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 8 (in.)	☐Water-Stained Leaves					
()	Local Soil Survey Data					
Depth to Saturated Soil: 5 (in.)	□FAC-Neutral Test					
	Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						
Tromand. This site mode the shield for welland hydrology.						

Map Unit Name					Drainage Class:		
(Series and I					Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*		
					*Soils were not determin scientist.	ed by a professional soil	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine sandy loam	
2-6		10 YR 4/3	5YR 3/4		Common, small, distinct	Fine sandy loam	
6-16		2.5Y 5/3	5 YR 5/6		Many, small, distinct	Loamy sand	
					• • • • • • • • • • • • • • • • • • • •	Í	
Sulfidic Odor Organic Streat Aquic Moisture Regime Listed on Loc Reducing Conditions Listed on Nat				ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List olain in Remarks)	yer in Sandy Soils		
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 86
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Nyssa sylvatica	Т	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.				13.				
6.				14.				
7.				15.				
8.				16.				
H	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/4 = 100%							
Ren	narks: This site meets the criteria	a for hydrophytic ve	getation.					

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:					
⊠Stream, Lake, or Tide Gauge	Primary Indicators:					
☐Aerial Photographs	☐Inundated					
□Other	Saturated in Upper 12 Inches					
□No Recorded Data Available	☐Water Marks					
	☑Drift Lines					
Field Observations:	Sediment Deposits					
	☐ Drainage patterns in Wetlands					
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):					
. , ,	Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: 4 (in.)	Water-Stained Leaves					
	Local Soil Survey Data					
Depth to Saturated Soil: 2 (in.)	☐FAC-Neutral Test					
()	Other (Explain in Remarks)					
Remarks: This site meets the criteria for wetland hydrology.						
The state of the s						
, ,	☐Water-Stained Leaves ☐Local Soil Survey Data					

Map Unit Name				Drainage Class:			
(Series and	Phase):				Field Observations		
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes	
	0 17					ned by a professional soil	
					scientist.	, .	
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-2		10 YR 3/3				Fine sandy loam	
2-6		10 YR 4/2	5YR 3/3		Few, small, distinct	Fine sandy loam	
6-16		2.5Y 5/3	5 YR 4/4		Many, small, distinct	Loamy sand	
Hydric Soil I	ndicators:						
_							
_	Histosol		_	oncretio			
	Histic Epipedon				rganic Content in Surface Layer in Sandy Soils		
_	Sulfidic Odor	Danima			treaking in Sandy Soils		
	Aquic Moisture I				red on Local Hydric Soils List red on National Hydric Soils List		
	Reducing Condi Gleyed or Low-0				olain in Remarks)		
	Gleyed of Low-C	SIIIOIIIa COIOIS	ПОГ	iilei (⊏x	Dialit ili Remarks)		
Remarks: T	his sita maats th	e criteria for hydric so	nile				
rtemarks. 1	ins site meets th	c chicha for flydric 30	Jii3.				
<u> </u>							
WETL	AND DETER	RMINATION					
Hydrophytic	Vegetation Pres	ent? X Yes	□No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No	
	Irology Present?		□No				
Hydric Soils			□No				
Remarks: This site is located within a wetland							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 87
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Betula nigra	Т	FACW	9.		
2.	Liquidambar styraciflua	Т	FAC	10.		
3.	Juncus effusus	Н	OBL	11.		
4.	Nyssa sylvatica	Т	FAC	12.		
5.	Acer rubrum	S	FAC	13.		
6.				14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.			

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☑Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 7 (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: 4 (in.)	☐FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	
, 3,	

Map Unit Na	me				Drainage Class:		
(Series and I	Phase):				Field Observations		
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*
•	• . ,			•	*Soils were not determin	ed by a professiona	al soil
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretion	ons,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-1		10 YR 3/3				Fine sandy	/ loam
1-3		10 YR 4/2	5 YR 3/3		Few, small, distinct	Fine sandy	/ loam
3-16		10 YR 6/2	5 YR 4/6		Common, small, distinct	Loamy s	and
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List National Hydric Soils List blain in Remarks)	yer in Sandy Soils	
WETLAND DETERMINATION							
	Vegetation Prese rology Present? Present?	ent?	□No □No □No	Is this	Sampling Point Within a V	Wetland? ⊠ Ye	s □No
Remarks: This site is located within a wetland.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 88
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Nyssa sylvatica	S	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Re	Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☑Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated ☑Saturated in Upper 12 Inches □Water Marks □Drift Lines
Field Observations:	☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 6 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 3 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	•

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):			Confirm Mapped type?	☐ Yes	3	⊠No*		
					*Soils were not determin	ned by a prof	essional s	soil
					scientist.			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C		3,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure,		
0-2		10 YR 3/3				Fine	e sandy lo	oam
2-4		10 YR 4/2	5YR 3/3		Few, small, distinct	Fine	e sandy lo	am
4-8		10YR 5/3	5 YR 5/6	6	Few, medium, distinct	L	oamy san	d
Hydric Soil I	ndicators:							
_	Histosol			oncretio				
	Histic Epipedon				ganic Content in Surface Layer in Sandy Soils			
	Sulfidic Odor				ic Streaking in Sandy Soils			
	Aquic Moisture I				on Local Hydric Soils List			
	Reducing Condi				on National Hydric Soils List (Explain in Remarks)			
	Gleyed or Low-0	onionia Colors	ПО	mer (⊏x	piain in Remarks)			
Pomarke: T	his site meets th	e criteria for hydric so	oile due to low ch	roma co	olor and mottles			
Nemarks. 1	ilis site illeets til	e cinteria foi fiyufic so	olis due to low chi	iioiiia cc	nor and motiles.			
WETLAND DETERMINATION								
	Vegetation Pres		□No	Is this	Sampling Point Within a V	Wetland?	Yes	□No
	drology Present?		□No					
Hydric Soils	Present?		□No					
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 89
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Liquidambar styraciflua	Т	FAC	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Nyssa sylvatica	S	FAC	12.			
5.	Acer rubrum	Т	FAC	13.			
6.	Carex sp.	Н		14.			
7.	Quercus nigra	S	FAC+	15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/7 = 86%							
Rer	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐Recorded Data (Describe in Remarks): ☐Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other		Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☑Saturated in Upper 12 Inches				
□No Recorded Data Available		■Water Marks				
		☐Drift Lines				
Field Observations:		Sediment Deposits				
		□ Drainage patterns in Wetlands				
Depth of Surface Water: none	(in.)	Secondary Indicators (2 or more required):				
·	, ,					
Depth to Free Water in Pit: 9	(in.)	☐Water-Stained Leaves				
	()	☐Local Soil Survey Data				
Depth to Saturated Soil: 6	(in.)	□FAC-Neutral Test				
2 op iii to Gataratoa Gom	()	Other (Explain in Remarks)				
Demonstrat. This site mosts the pritorio for westered by desclosure						
Remarks: This site meets the criteria for wetlar	ia riyarology.					

Map Unit Name			Drainage Class:				
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*		
						ed by a professional soil	
					scientist.		
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-4		10 YR 3/3				Fine sandy loam	
4-16		10 YR 5/3	5 YR 5/6	i	Few, medium, distinct	Sand	
Hydric Soil Indicators: Histosol						yer in Sandy Soils	
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/19/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 90
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator							
1.	Ilex vomitoria	S	FAC-	9.									
2.	Liquidambar styraciflua	Т	FAC	10.									
3.	Smilax bona-nox	V	FAC	11.									
4.	llex opaca	S	FACU	12.									
5.	Acer rubrum	Т	FAC	13.									
6.	Nyssa sylvatica	S	FAC	14.									
7.	Quercus nigra	S	FAC+	15.									
8.	Myica cerifera	S	FAC	16.									
6/8	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/8 = 75%												
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.			Remarks: This site meets the criteria for hydrophytic vegetation.							

 ☑Recorded Data (Describe in Remarks): ☑Stream, Lake, or Tide Gauge ☑Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks □Drift Lines					
Field Observations:	Sediment Deposits					
Depth of Surface Water: none (in.)	☐Drainage patterns in Wetlands Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches					
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data					
Depth to Saturated Soil: none (in.)	☐ FAC-Neutral Test ☐ Other (Explain in Remarks)					
Remarks: This site does not meet the criteria for wetland hydrology.						

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ed by a professional soil			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-4		10 YR 2/1				Fine sandy loam		
4-16		10 YR 7/3	7.5 YR ¾	i	Fine, medium, distinct	Fine sandy loam		
Hydric Soil Indicators: Histosol								
WETLAND DETERMINATION								
Hydrophytic Vegetation Present?								
Remarks: This site is not located within a wetland due to the lack of wetland hydrology.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 91
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Pinus echinata	Т		9.				
2.	Pinus taeda	Т	FAC-	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Ulmus alata	S	FACU	13.				
6.	Myrica cerifera	S	FAC	14.				
7.	Ilex opaca	S	FACU	15.				
8.	Ilex vomitoria	S	FAC-	16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 3/8 = 38%							
Rei	Remarks: This site does not meet the criteria for hydrophytic vegetation.							

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
⊠Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	□Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	⊠Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
,	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
	☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology	7. This site is adjacent to a water of the U.S. (Davis Branch) with an
ordinary high water mark of approximately 14 feet.	,

Map Unit Na	Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
				*Soils were not determin scientist.	ned by a professional soil			
Profile Desc	cription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-2		10 YR 2/2				Fine sandy loam		
2-4		10 YR 5/4				Fine sandy loam		
4-16		10 YR 5/4				Sandy loam		
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
Hydrophytic Vegetation Present? ☐ Yes ☐ No Wetland Hydrology Present? ☐ Yes ☐ No Hydric Soils Present? ☐ Yes ☐ No								
Remarks: This site is not located within a wetland due to the lack of hydrophytic vegetation and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 92
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Betula nigra	Т	FACW	9.				
2.	Liquidambar styraciflua	Т	FAC	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Ulmus Americana	Т	FAC	13.				
6.				14.				
7.				15.				
8.				16.				
II	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☑Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves
()	Local Soil Survey Data
Depth to Saturated Soil: none (in.)	□FAC-Neutral Test
(,	Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	
Tromand. This site mosts the official for welland flydrology.	

Map Unit Name					Drainage Class:			
(Series and	Phase):				Field Observations			
Taxonomy (Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
					*Soils were not determing scientist.	ned by a pro	fessional s	oil
Profile Des	cription:							
Depth (Inches)	Horizon	Matrix Color (Munsell Moist)	Mottle Colors (Munsell Moist)		Mottle Abundance/Contrast	Texture, C Structure,	concretions etc.	·,
0-4		10 YR 3/2				Fin	e sandy lo	am
4-16		10 YR 6/4					Sand	
	☐ Histosol ☐ Concretions ☐ Histic Epipedon ☐ High Organic Content in Surface Layer in Sandy Soils ☐ Sulfidic Odor ☐ Organic Streaking in Sandy Soils ☐ Aquic Moisture Regime ☐ Listed on Local Hydric Soils List ☐ Reducing Conditions ☐ Listed on National Hydric Soils List ☐ Gleyed or Low-Chroma Colors ☐ Other (Explain in Remarks) Remarks: This site does not meet the criteria for hydric soils.							
WET	WETLAND DETERMINATION							
Hydrophytic Vegetation Present?								
Remarks: T	Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 93
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Betula nigra	Т	FACW	9.		
2.	Ulmus alata	Т	FACU	10.		
3.	Smilax bona-nox	V	FAC	11.		
4.	Lonicera japonica	V	FAC	12.		
5.	Berchemia scandens	V	FAC+	13.		
6.	Ilex vomitoria	S	FAC-	14.		
7.	llex opaca	S	FACU	15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.			

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
□ INO Recorded Data Available	☐ Water Marks ☐Drift Lines
Field Observations:	⊠Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 12 (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: 10 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	

Map Unit Name				Drainage Class:			
(Series and I	Phase):				Field Observations		
Taxonomy (S					Confirm Mapped type?	☐ Yes	⊠No*
			*Soils were not determing	ned by a profession	onal soil		
					scientist.	- ·	
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concr	etions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	
0-3		10 YR 6/4	5 YR 4/6		Few, small, distinct	Loam	ny sand
3-8		10 YR 4/3				Silt	loam
8-16		10 YR 4/6				Fine sar	ndy loam
Hydric Soil Ir	ndicators:						
_	_						
	Histosol			ncretio			
	Histic Epipedon				anic Content in Surface La	yer in Sandy Soi	ls
_	Sulfidic Odor		∐Org	ganic S	treaking in Sandy Soils		
	Aquic Moisture F				Local Hydric Soils List		
	Reducing Condi				National Hydric Soils List		
]Gleyed or Low-C	Inroma Colors		ner (⊏x	plain in Remarks)		
Pomorke: T	his site does not	most the critoria for	hydric soils. The	unnor	ayer of the soil consists o	f recent cilt	
Remarks. 1	nis site does not	meet the chlena ion	nyaric soils. The	upper	ayer or the son consists o	recent siit.	
\A/E-T-I	AND DETER	MINIATION					
WEIL	AND DETER	MINATION					
		. —					
	Vegetation Prese		□No	Is this	Sampling Point Within a \	Wetland? ☐	Yes ⊠No
	drology Present?		□No				
Hydric Soils	Present?	☐ Yes	⊠No				
D . T					11		
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 94
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator			
1. Juncus effusus	Н	OBL	9.					
2. Lonicera japonica	V	FAC	10.					
3.			11.					
4.			12.					
5.			13.					
6.			14.					
7.			15.					
8.			16.					
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 2/2 = 100%								
Remarks: This site meets the criteria	Remarks: This site meets the criteria for hydrophytic vegetation.							

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
☐Stream, Lake, or Tide Gauge	Primary Indicators:
☐Aerial Photographs	⊠Inundated
□Other	Saturated in Upper 12 Inches
□No Recorded Data Available	☐Water Marks
	☑Drift Lines
Field Observations:	Sediment Deposits
	☐Drainage patterns in Wetlands
Depth of Surface Water: 10 (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: (in.)	☐Water-Stained Leaves
	Local Soil Survey Data
Depth to Saturated Soil: (in.)	FAC-Neutral Test
,	Other (Explain in Remarks)
	_ , , , ,
Remarks: This site meets the criteria for wetland hydrology. This	s site is a roadside ditch adjacent to "Beggs Rd."
	,

Map Unit Name					Drainage Class:			
(Series and I					Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*		
					ed by a professional soil			
					scientist.			
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.		
0-3		10 YR 5/4				Fine sandy loam		
3-16		2.5 Y 4/3	5 YR 3/4		Common, medium, distinct	Fine sandy loam		
	ndicators: Histosol Histic Epipedon Sulfidic Odor Aguic Moisture F	Pogimo	□Orga	Orga anic St	ns nic Content in Surface La treaking in Sandy Soils Local Hydric Soils List	yer in Sandy Soils		
	Reducing Condit Gleyed or Low-C	tions	□Liste	ed on N	National Hydric Soils List Dlain in Remarks)			
Remarks: TI	nis site does not	meet the criteria for	hydric soils.					
WETL	AND DETER	MINATION						
						1		
	Vegetation Prese rology Present? Present?	ent?	□No Is □No □No	Is this Sampling Point Within a Wetland? ☐ Yes ☑No				
Remarks: Th	Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 95
(If needed, explain on reverse)			Davis Branch, both
			alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Betula nigra	Т	FACW	9.			
2.	Liquidambar styraciflua	T/S	FAC	10.			
3.	Lonicera japonica	V	FAC	11.			
4.	Juncus effusus	Н	OBL	12.			
5.	Cyperus sp.	Н		13.			
6.	Cirsium horridulum	Н	FAC	14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/6 = 83%							
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

 ☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: □Inundated □Saturated in Upper 12 Inches □Water Marks
	☐ Water Marks ☐ Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology.	'

Map Unit Name				Drainage Class:		
(Series and I	Phase):				Field Observations	
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*
			*Soils were not determined by a professional soil scientist.			
Profile Desc	ription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.
0-4		10 YR 5/4	2.5 YR 4/8		Few, small, distinct	Silt loam
4-16		10 YR 4/4	7.5 YR 4/-	4	Many, small, distinct	Silt loam
Hydric Soil Indicators: Histosol						yer in Sandy Soils
WETLAND DETERMINATION						
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a \	Wetland? ⊠ Yes □No
Remarks: This site is located within a wetland.						

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 96
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Lonicera japonica	V	FAC	12.			
5.	Acer rubrum	S	FAC	13.			
6.				14.			
7.				15.			
8.				16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/5 = 100%							
	marks: This site meets the criteria baceous vegetation.	a for hydrophytic ve	getation. This	site is a woodland slope up from	a wet area, with	n no	

⊠Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	☐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	□Water Marks
_	☐Drift Lines
Field Observations:	Sediment Deposits
	☐ Drainage patterns in Wetlands
Depth of Surface Water: none (i	in.) Secondary Indicators (2 or more required):
,	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (i	in.) Water-Stained Leaves
,	Local Soil Survey Data
Depth to Saturated Soil: none	(in.) FAC-Neutral Test
	Other (Explain in Remarks)
Remarks: This site does not meet the criteria for we	etland hydrology
Tromand. This site does not meet the chiena for we	Statia Hydrology

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type? ☐ Yes ☐ No*			
			*Soils were not determing	ned by a professional soil				
					scientist.			
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.		
0-2		7.5 YR 6/2				Sand		
2-6		10 YR 3/2				Fine sandy loam		
6-16		10 YR 3/4				Fine sandy loam		
Hydric Soil Indicators: Histosol								
WETL	WETLAND DETERMINATION							
Wetland Hydrology Present? ☐ Yes ☒No Hydric Soils Present? ☐ Yes ☒No							0	
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 97
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1.	Liquidambar styraciflua	T/S	FAC	9.		
2.	Betula nigra	T/S	FACW	10.		
3.	Smilax bona-nox	V	FAC	11.		
4.	Lonicera japonica	V	FAC	12.		
5.	Cephalanthus occidentalis	S	OBL	13.		
6.	Myrica cerifera	S	FAC	14.		
7.				15.		
8.				16.		
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%						
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.			

□ Recorded Data (Describe in Remarks)	.s):		Wetland Hydrology Indicators:
Stream, Lake, or Tide Gau	ıge		Primary Indicators:
☐Aerial Photographs			☐Inundated
Other			Saturated in Upper 12 Inches
□ No Recorded Data Available			☐Water Marks
			☑Drift Lines
Field Observations:			Sediment Deposits
			☐Drainage patterns in Wetlands
Depth of Surface Water:	none	(in.)	Secondary Indicators (2 or more required):
•			
Depth to Free Water in Pit:	11	(in.)	
•		, ,	☐Local Soil Survey Data
Depth to Saturated Soil:	8 ((in.)	☐FAC-Neutral Test
•	•		Other (Explain in Remarks)
			_ , , ,
Remarks: This site meets the criteria for	or wetland	hvdrology. This	s site is adjacent to a water of the U.S. (tributary to Davis Branch)
with an ordinary high water mark of app			, , , , , , , , , , , , , , , , , , , ,
		,	

Map Unit Name					Drainage Class:			
(Series and I	Phase):				Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes	⊠No*	
					*Soils were not determin scientist.	ed by a professi	ional soil	
Profile Desc	ription:				COLOTRIOL			
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Conc	retions.	
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)		Abundance/Contrast	Structure, etc.	,	
0-8		2.5 Y 4/2	7.5 YR ¾	i	Common, small, distinct	Fine sa	indy loam	
8-16		2.5 Y 5/2	10 YR ¾		Few, small, distinct	Sand	ly loam	
Sulfidic Odor Organic S Aquic Moisture Regime Listed on Reducing Conditions Listed on					is nic Content in Surface La reaking in Sandy Soils .ocal Hydric Soils List Jational Hydric Soils List Jain in Remarks)	yer in Sandy So	ils	
WETL	WETLAND DETERMINATION							
	Vegetation Prese rology Present? Present?	ent?	□No □No □No	Is this	Sampling Point Within a \	 Vetland? ⊠	Yes □No	
Remarks: Th	Remarks: This site is located within a wetland							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 98
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	llex opaca	S	FACU	12.			
5.	Ligustrum sinense	S	UPL	13.			
6.	Berchemia scandens	V	FAC+	14.			
7.	Dichanthelium sp.	Н		15.			
8.	Chasmanthium latifolium	Н	FAC	16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 5/8 = 63%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

☐ Recorded Data (Describe in Remarks): ☐ Stream, Lake, or Tide Gauge ☐ Aerial Photographs ☐ Other ☐ No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
	□ Drift Lines
Field Observations:	☐Sediment Deposits ☐Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	☐Water-Stained Leaves ☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland hydrolog	уу

Map Unit Na	me		Drainage Class:	Drainage Class:			
(Series and I	Phase):		Field Observations	Field Observations			
Taxonomy (S	Subgroup):			Confirm Mapped type?	☐ Yes		
				*Soils were not determine	ned by a professional soil		
				scientist.			
Profile Desc	ription:						
Depth		Matrix Color	Mottle Colors	Mottle	Texture, Concretions,		
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist)	Abundance/Contrast	Structure, etc.		
0-11		10 YR 5/4			Fine sandy loam		
11-16		2.5 Y 6/3	5 YR 4/6	Common, large, distinct	Sand		
	Histosol Histic Epipedon Sulfidic Odor Aquic Moisture F Reducing Condi Gleyed or Low-C	tions	retions Organic Content in Surface La nic Streaking in Sandy Soils d on Local Hydric Soils List d on National Hydric Soils List (Explain in Remarks)	,			
WETLAND DETERMINATION							
Hydrophytic Vegetation Present?							
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 99
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator		
1.	Juniperus virginiana	S	FACU-	9.				
2.	Betula nigra	T/S	FACW	10.				
3.	Smilax bona-nox	V	FAC	11.				
4.	Lonicera japonica	V	FAC	12.				
5.	Acer rubrum	S	FAC	13.				
6.	Cyperus sp.	Н		14.				
7.	Dichanthelium sp.	Н		15.				
8.				16.				
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 4/7 = 57%							
Rei	marks: This site meets the criteria	a for hydrophytic ve	getation.					

 ☑Recorded Data (Describe in Remarks): ☑Stream, Lake, or Tide Gauge ☐Aerial Photographs ☐Other ☐No Recorded Data Available 	Wetland Hydrology Indicators: Primary Indicators: ☐Inundated ☐Saturated in Upper 12 Inches ☐Water Marks
Field Observations:	☐ Drift Lines ☐ Sediment Deposits ☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required): ☐Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: 12 (in.)	☐ Water-Stained Leaves ☐ Local Soil Survey Data
Depth to Saturated Soil: 9 (in.)	☐FAC-Neutral Test ☐Other (Explain in Remarks)
Remarks: This site meets the criteria for wetland hydrology	

Map Unit Na	me				Drainage Class:		
(Series and Phase):			Field Observations				
Taxonomy (Subgroup):			Confirm Mapped type? ☐ Yes ☐ No*				
					*Soils were not determin scientist.	ned by a professional s	soil
Profile Desc	cription:						
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions	S,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.	
0-5		10 YR 4/3	5 YR 4/4		Many, small, distinct	Fine sandy lo	oam
5-16		10 YR 6/4	5 YR 4/6	i	Many, small, distinct	Sand	
Hydric Soil Indicators: Histosol							
WETLAND DETERMINATION							
Wetland Hyd Hydric Soils		⊠ Yes □ Yes	□No □No ⊠No		Sampling Point Within a \	Wetland? ☐ Yes	⊠No
Remarks: This site is not located within a wetland due to the lack of hydric soils.							

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 100
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Salix nigra	Т	FACW+	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Lonicera japonica	V	FAC	12.			
5.	Cephalanthus occidentalis	S	OBL	13.			
6.	Myrica cerifera	S	FAC	14.			
7.	-			15.			
8.				16.			
	Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 6/6 = 100%						
Re	marks: This site meets the criteria	a for hydrophytic ve	getation.				

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
⊠Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	∬Inundated
□Other	Saturated in Upper 12 Inches
□No Recorded Data Available	Water Marks
	⊠Drift Lines
Field Observations:	Sediment Deposits
Field Observations.	
D 41 (0 ()W (☐ Drainage patterns in Wetlands
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
Depth to Free Water in Pit: 1 (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: 0 (in.)	☐FAC-Neutral Test
	Other (Explain in Remarks)
	_
Remarks: This site meets the criteria for wetland hydrology. This	site is adjacent to a water of the U.S. with an ordinary high water
mark of approximately 3 feet.	one to disjuster to a tracer of the oriental art orientally ringer tracer
il en en en en en en en en en en en en en	,

Map Unit Name			Drainage Class:					
(Series and Phase):			Field Observations					
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Ye	S	⊠No*
					*Soils were not determing scientist.	ned by a pro	fessional s	oil
Profile Desc	ription:							
Depth		Matrix Color	Mottle Colors		Mottle	Texture, C	Concretions	i,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure,	etc.	
0-8		10 YR3/4						
8-16		10 YR 3/1						
Hydric Soil Indicators: Histosol								
WETLAND DETERMINATION								
Wetland Hyd Hydric Soils		⊠ Yes ⊠ Yes	□No □No □No	Is this	Sampling Point Within a	Wetland?	⊠ Yes	□No
Remarks: This site is located within a wetland.								

Project/Site: US 69/LP 49 Lindale Relief Route			Date: 2/20/08
Applicant/Owner: TxDOT			County: Smith
Investigator: John Kuhl, Jeff Allen			State: Texas
Do Normal Circumstances exist on the site:	⊠Yes	□No	Community ID:
Is the site significantly disturbed (Atypical Situation)?	□Yes	⊠No	Transect ID:
Is the area a potential Problem Area?	□Yes	⊠No	Plot ID: 101
(If needed, explain on reverse)			Tributary to Davis Branch,
			both alternatives

VEGETATION

	Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator	
1.	Liquidambar styraciflua	T/S	FAC	9.			
2.	Betula nigra	T/S	FACW	10.			
3.	Smilax bona-nox	V	FAC	11.			
4.	Quercus nigra	Т	FAC+	12.			
5.	Acer rubrum	S	FAC	13.			
6.	Forestiera pubescens	S	FAC	14.			
7.	Toxicodendron radicans	V	FAC	15.			
8.	Chasmanthium laxum	Н	FAC	16.			
Percent of Dominant Species that are OBL, FACW or FAC (Excluding FAC-) 8/8 = 100%							
Rei	Remarks: This site meets the criteria for hydrophytic vegetation.						

Recorded Data (Describe in Remarks):	Wetland Hydrology Indicators:
⊠Stream, Lake, or Tide Gauge	Primary Indicators:
Aerial Photographs	☐Inundated
□Other	☐Saturated in Upper 12 Inches
□No Recorded Data Available	□Water Marks
I to resolute Bata / trailable	□ Drift Lines
Field Observations:	Sediment Deposits
Tield Observations.	☐ Drainage patterns in Wetlands
Donth of Curfoco Water: none (in)	Cocondon Indicators (2 or more required)
Depth of Surface Water: none (in.)	Secondary Indicators (2 or more required):
	Oxidized Root Channels in Upper 12 inches
Depth to Free Water in Pit: none (in.)	
	☐Local Soil Survey Data
Depth to Saturated Soil: none (in.)	☐FAC-Neutral Test
· · ·	☐Other (Explain in Remarks)
Remarks: This site does not meet the criteria for wetland by	drology. This site is adjacent to a water of the U.S. with an ordinary
high water mark of approximately 12 feet.	
I mgr mater mant or approximately 12 tooli	
.i	

Map Unit Name			Drainage Class:			
(Series and Phase):			Field Observations			
Taxonomy (S	Subgroup):				Confirm Mapped type?	☐ Yes ⊠No*
			*Soils were not determin scientist.	ned by a professional soil		
Profile Desc	cription:					
Depth		Matrix Color	Mottle Colors		Mottle	Texture, Concretions,
(Inches)	Horizon	(Munsell Moist)	(Munsell Moist))	Abundance/Contrast	Structure, etc.
0-16		10 YR 5/3	5 YR 5/8		Many, fine, distinct	Fine sandy loam
Hydric Soil Indicators: Histosol					anic Content in Surface La streaking in Sandy Soils Local Hydric Soils List National Hydric Soils List	,
WETLAND DETERMINATION						
	Vegetation Presedrology Present? Present?		□No ⊠No ⊠No	Is this	Sampling Point Within a \	Wetland? ☐ Yes ⊠No
Remarks: This site is not located within a wetland due to the lack of wetland hydrology and hydric soils.						

APPENDIX D

HAZARDOUS MATERIALS DATABASE REPORT



Environmental Data Search

for the site

North Lindale Relief Route US 69 / LP 49, Lindale, TX

99121B

performed for

Hicks & Company

12/14/2010

HICY6675

Preface



This document of environmental concerns near US 69 / LP 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

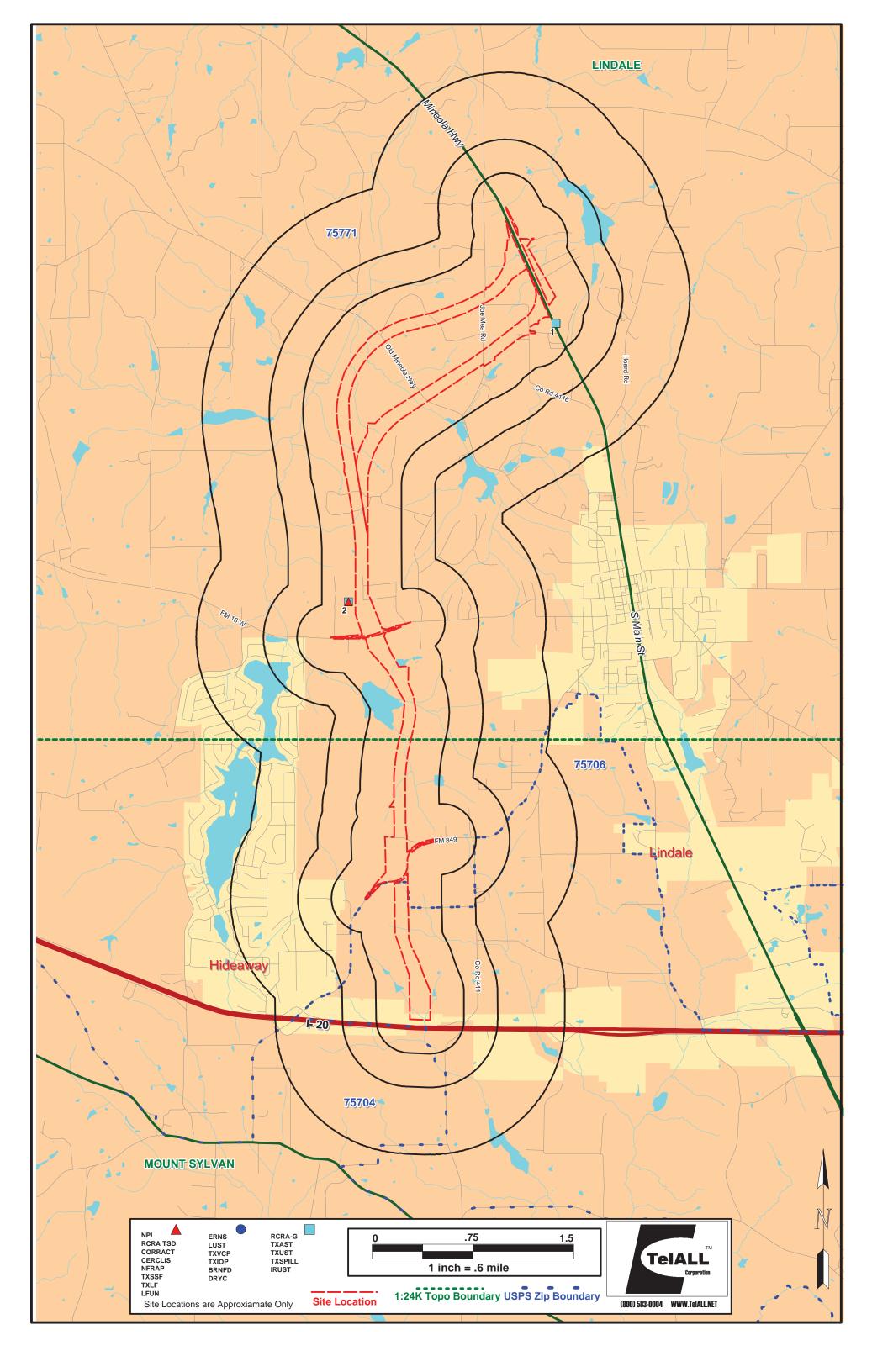
This report is divided into the following components:

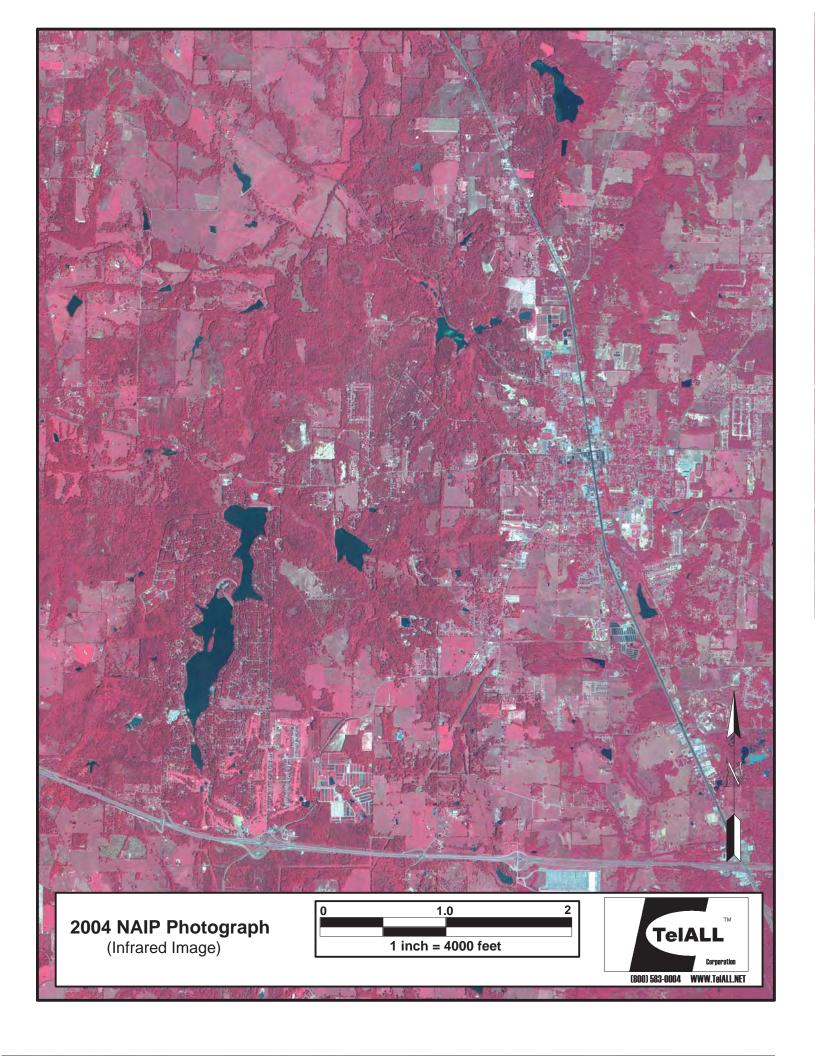
MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

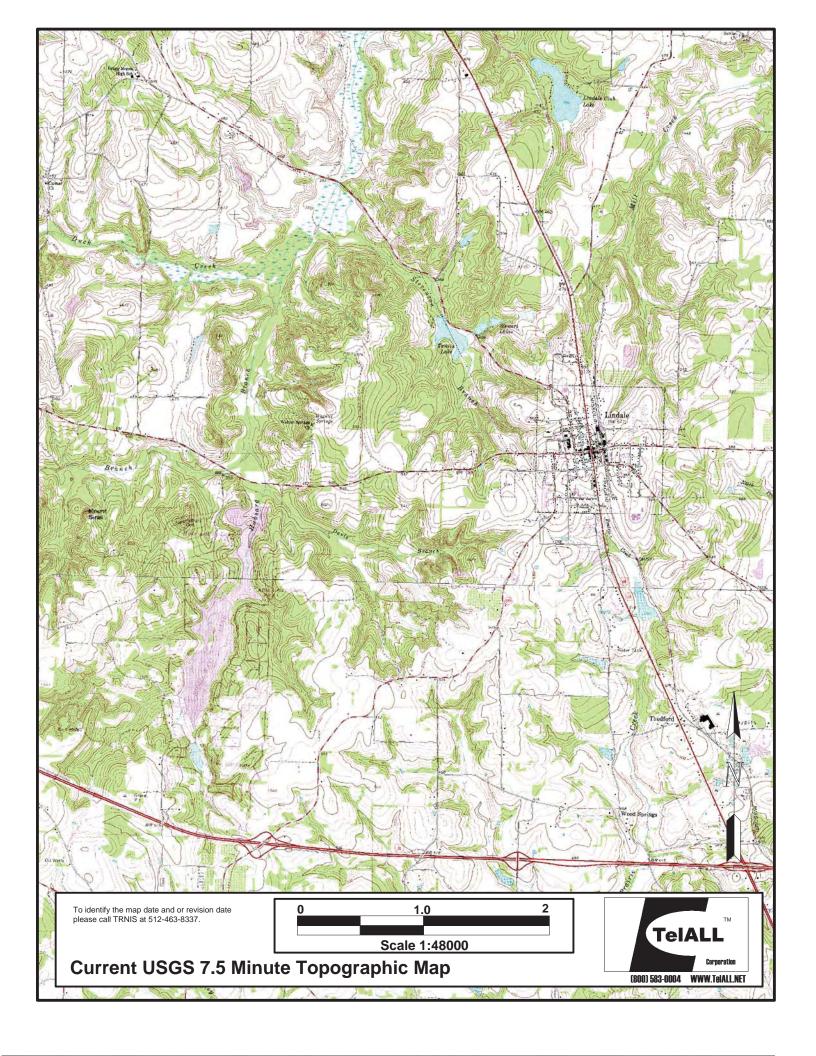
FINAL A description of each database and a detailed explanation of findings.

Sources	Last	Minimum Search		
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	09/2010	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	09/2010	0.5	0
No Further Remedial Action Planned	NFRAP	09/2010	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	10/2010	1	0
Corrective Action	CORRACT	10/2010	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	10/2010	0.25	1
Emergency Response Notification System	ERNS	11/2010	0.25	0
Texas Voluntary Cleanup Program	TXVCP	10/2010	0.5	0
Innocent Owner/Operator Program	TXIOP	10/2010	0.5	0
Texas State Superfund	TXSSF	11/2010	1	0
TCEQ Solid Waste Facilities	TXLF	09/2010	1	3
Unauthorized and Unpermitted Landfill Sites	LFUN	09/2010	0.5	0
Leaking Underground Storage Tanks	TXLUST	11/2010	0.5	0
Texas Underground Storage Tanks	TXUST	11/2010	0.25	3
Texas Above Ground Storage Tanks	TXAST	11/2010	0.25	0
Texas Spills List	TXSPILL	09/2010	0.25	0
Brownfield	BRNFD	10/2010	0.5	0
Dry Cleaner	DRYC	11/2010	0.5	0
Indian Reservation Underground Storage Tanks	IRUST	11/2010	0.25	0











Sites Sorted By Distance from Center

Page 1 Job HICY6675 Date 12/14/2010

Site Distance/Direction Database Number Address City/State Site Name

		IRUST				NO FINDINGS WITHIN 1/4 MILE.	
		NPL				NO FINDINGS WITHIN ONE MILE.	
		CERCLIS				NO FINDINGS WITHIN 1/2 MILE.	
		NFRAP				NO FINDINGS WITHIN 1/2 MILE.	
		CORRACT				NO FINDINGS WITHIN ONE MILE.	
		ERNS				NO FINDINGS WITHIN 1/4 MILE.	
		TXVCP				NO FINDINGS WITHIN 1/2 MILE.	
		RCRA TSD				NO FINDINGS WITHIN ONE MILE.	
		TXAST				NO FINDINGS WITHIN 1/4 MILE.	
		TXLUST				NO FINDINGS WITHIN 1/2 MILE.	
		TXSSF				NO FINDINGS WITHIN ONE MILE.	
		TXSPILL				NO FINDINGS WITHIN 1/4 MILE.	
		LFUN				NO FINDINGS WITHIN 1/2 MILE.	
		TXIOP				NO FINDINGS WITHIN 1/2 MILE.	
		BRNFD				NO FINDINGS WITHIN 1/2 MILE.	
		DRYC				NO FINDINGS WITHIN 1/2 MILE.	
.05							
	W	RCRA-G	2	16988 COUNTY ROAD 476	LINDALE	HAWLEY SANITATION	
	W	TXLF	2	16988 COUNTY ROAD 476 LINDALE, TX 7	SMITH	HAWLEY RECYCLING	
.08							
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY	
Site Location Unknown							
		TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL	
		TXLF	unknown	3.5 MILES W OF LINDALE ON FM 16 LIND	SMITH	CITY OF LINDALE LANDFILL	





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NPL

National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

Site: No findings within one mile.

Distance: 0 Address Zip Code City:

CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

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NFRAP

No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

RCRATSD

Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

Site: No findings within one mile.

Distance: 0 Address Zip Code City:

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CORRACT

Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

Site: No findings within one mile.

Distance: 0
Address
Zip Code
City:

RCRA-G

Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

2 Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0.046 W

Address 16988 COUNTY ROAD 476

Zip Code 75771 **City:** LINDALE

Site EPA ID: TXR000078050 - Type of site: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771; tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

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ERNS

Emergency Response Notification System

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

Database: ERNS

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

TXVCP

Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

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TXIOP

Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

TXSSF

Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSSF

Site: No findings within one mile.

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TXLF

TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

2

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0.046 W

Address 16988 COUNTY ROAD 476 LINDALE, TX 75771-5637

Zip Code 75771 **City:** SMITH

Site ID: 100045 - Permit app. received date: 11/10/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: OWNOPR: Hawley Recycling, OWNOPR: PO BOX 1121 LINDALE, TX 757711121, OWNOPR: (903) 882 - 4839.

3

Database: TXLF *Not mapped*

Site: HIDE-A-WAY LAKE LANDFILL

Distance: Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF F

Zip Code

City: SMITH

Site ID: 1154 - Permit app. received date: 10/5/1977. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: OWNOPR: Hide-A-Way Lake Club, Inc., OWNOPR: RR 4 BOX 743 LINDALE, TX 757719804, OWNOPR: (214) 882 - 6151.



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4

Database: TXLF *Not mapped*
Site: CITY OF LINDALE LANDFILL

Distance: Site Location Unknown

Address 3.5 MILES W OF LINDALE ON FM 16 LINDALE, TX

Zip Code

City: SMITH

Site ID: 529 - Permit app. received date: 3/24/1975. Facility type: SANITARY LANDFILL, DAILY COVER REQUIRED(POPULATION EQUIVALENT SERVED EXCEEDS 5,000 PEOPLE). Site status: CLOSED, Permit status: REVOKED, Business type: CITY, Permitted acreage: 28.262, Population served: 2000, Area served: LINDALE HIDEAWAYLK. Tons per day: 20, Yards per day: Unknown, Estimated closing date: 3/1/1978. App. name, address, phone number: OWNOPR: City of Lindale, OWNOPR: PO BOX 130 LINDALE, TX 757710130, OWNOPR: (214) 882 - 3422.

LFUN

Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: LFUN

Site: No findings within 1/2 mile.



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TXLUST

Leaking Underground Storage Tanks

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXLUST

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

TXUST

Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

1

Database: TXUST

Site: MEA NURSERY

Distance: 0.077 SE
Address N HWY 69
Zip Code 75771
City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

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TXAST

Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

TXSPILL

Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSPILL

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

BRNFD

Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

Site: No findings within 1/2 mile.

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DRYC

Dry Cleaner

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: DRYC

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

IRUST

Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

Site: No findings within 1/4 mile.

TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



			Database count fo	r 75704		
	ERNS	4	RCRA-G	2	TXAST	12
	TXLUST	4	TXSPILL	4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY	LATITUDE LONGITUDE
	•	·	·		·	

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	0	0
		WAL-MART STORES TEXAS LLC	3820 HIGHWAY 64 W	TYLER	32.341738	-95.358726
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	32.358311	-95.3670841
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	32.360654	-95.396357
			209 AIRPORT DR	TYLER	32.360654	-95.396357
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	32.361388	-95.3961852
		TYLER AERO	1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler		
			Kirby Station Located on HWY 64 West	Tyler		
		CITY OF TYLER	located at 14939 County Road 46, appr	TYLER	0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER		
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 54	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 57	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
		HOLLAND AIRCRAFT ENGINE SER	General Delivery	TYLER	32.398602	-95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602	-95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525	-95.4027129
			353 AIRPORT RD	TYLER	32.362525	-95.4027129
						TM

		Databas	e count for 75704		
	ERNS	4 RCF	RA-G 2	TXAST	12
	TXLUST	4 TXS	SPILL 4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
75704	TXUST	KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
75704	17001	NIDD CONEC C	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773
			704 CR 1143	TYLER	32.360303 -95.3909773
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		NATIONAL CAR RENTAL	150 AIRPORT DR	TYLER	32.360089 -95.3989967
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186
			1862 CR 1143	TYLER	32.356400 -95.3908186
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003

Database count for 75706						
	CERCLIS		RRACT 1	ERNS	1	
	RCRA TSD	2 RCI	RA-G 4	TXAST	20	
	TXLUST	2 TXS	SPILL 12	TXUST	76	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY		LONGITUDE
	DATABAGE	SHERAME	ADDICESS	CITT	LAIIIODE	LONGITODE
	0550110	FM 4.4 DDI IM CITE	40.40 FM 4.4	TVLED	20.0044	05.0050
75706	CERCLIS	FM 14 DRUM SITE	4942 FM 14	TYLER	32.3911 32.418594	-95.2853
	CORRACT	TYLER PIPE COMPANY A DIVISIO TYLER PIPE COMPANY	11721 US HIGHWAY 69 N SEE BELOW ADDRESS11721 US HIG	TYLER	32.418394	-95.354949 0
	ERNS	TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	RCRA TSD	TILER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	RCRA-G	EAGLE CONSTRUCTION AND ENV		TYLER	32.463061	-95.3864925
	KCKA-G	TARGET REGIONAL DISTRIBUTIO	13786 HARVEY ROAD	TYLER	32.465929	-95.4182968
		TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
		TILLY FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925
	TXAST	FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
	IXASI	JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		OIL TRANSPORT	419 E NORTHEAST LOOP 323	TYLER	32.388318	
		PUMPCO	11126 CR 490			-95.28281
		STATES ENVIRONMENTAL OIL SE		TYLER	32.410771	-95.3491731
		STATES ENVIRONMENTAL OIL SE	CR 489	TYLER TYLER	32.414456 32.414456	-95.34252
						-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
			CR 489	TYLER	32.414456	-95.34252
		CTDIDING TECHNIQUOOV	CR 489	TYLER	32.414456	-95.34252
		STRIPING TECHNOLOGY	10112 CR 489	TYLER	32.411991	-95.3424519
		TRANSIT N PLANT 2069	9041 HIGHWAY 69 N	TYLER	32.404027	-95.348741
		TYLER ASPHALT	CR 489	TYLER	32.414456	-95.34252
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	9149 HWY 69 N	TYLER	32.466513	-95.387689
			9149 HWY 69 N	TYLER	32.466513	-95.387689
	T) (() (OT	IOLININIVO CARACE CLOSER	9149 HWY 69 N	TYLER	32.466513	-95.387689
	TXLUST	JOHNNYS GARAGE CLOSED	110 N CLAYTON	TYLER	32.351186	-95.284367
	TV00# 1	NU WAY OIL STORE 11135	11135 HWY 69	TYLER	32.428764	-95.363527
	TXSPILL	BAKER HUGHES ATLAS	FM 95, 1/8 MI SOUTH OF THE INTERS	•		
		EED EDITORING OO	FM 95, 1/8 MI SOUTH OF THE INTERS	•		
		EFB TRUCKING CO.	HWY 69 N.	TYLER	00 450475	05 005005
		ELDORADO CHEMICAL	I-20 AT MILE MARKER 517 ALONG TH	•	32.453475	-95.285985
		CENERIC INCIDENT PRINCIPAL	I-20 AT MILE MARKER 517 ALONG TH		32.453475	-95.285985
		GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706		0	0
		LETOURNEAU, INC MCWANE INC	ON LETOURNEAU PLANT W OF HIG 11721 US HIGHWAY 69 N TYLER TX		0	0
		STOVALL FERTILIZER				
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010, INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377 05.4377
		LIDS / Total Datroloum		Tyler	32.3671	-95.4377
		UDS / Total Petroleum	3512 S Main St # 69 3512 S Main St # 69	Tyler	32.4421	-95.3668 -95.3668
	TYLIST	RD RAPNES		Tyler	32.4421	-95.3668 -05.3311652
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652 -05.3311652
		CO-OPERATIVE ROSE GROWERS	General Delivery	TYLER	32.447338	-95.3311652
		50-OF LIVATIVE ROSE GROWERS		TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
		DAVIS COFFEE	US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499 05.3311652
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652
						TM



		Data	abase count for 75706			
	CERCLIS	1	CORRACT 1	ERNS	1	
	RCRA TSD	2	RCRA-G 4	TXAST	20	
	TXLUST	2	TXSPILL 12	TXUST	76	
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621
73700	17.001	2711 011110111 02	13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
			HWY 69 N	TYLER	32.466513	-95.387689
		JIM HOGG ROAD TEXACO	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578
			390 CR 313 W	TYLER	32.488340	-95.2824578
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		KIDD JONES 10	13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878
			I 20 & HWY 14	TYLER	31.311986	-96.6303878
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406
			1201 SPEIGHT	WACO	31.539819	-97.125406
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
		ROBERT C JACKSON	12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
			12816 FM 14	TYLER	32.45133	-95.281892
		CAND ELANT UNIT	12816 FM 14	TYLER	32.45133	-95.281892
		SAND FLANT UNIT	FM 14 10MI S OF TYLER	TYLER	32.447338	-95.3311652
		SEXTON ROSES	10076 US HIGHWAY 69 N	TYLER	32.410839	-95.346997
		STATE PARK GROCERY	14910 FM 14	TYLER	32.481922	-95.279267
			14910 FM 14	TYLER	32.481922	-95.279267
		TVI ED ELIEL DI AZA	14910 FM 14	TYLER	32.481922	-95.279267
		TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236



		Databas	e count for 75706			
	CERCLIS	1 CO	RRACT 1	ERNS	1	
	RCRA TSD	2 RC	RA-G 4	TXAST	20	
	TXLUST	2 TXS	SPILL 12	TXUST	76	
FACZIP						
FACZIF	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
70700			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		UNITED FUEL & ENGERGY SFS Y	10449 HWY 69 N	TYLER	32.466513	-95.387689
			10449 HWY 69 N	TYLER	32.466513	-95.387689
		UNITY 6	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	General Delivery	TYLER	32.447338	-95.3311652
		YELLOW TRANSPORTATION	3722 N NORTHEAST LOOP 32	23 TYLER	32.385972	-95.268706

FM 849 @ I 20 LINDALE 32.516287 -95.400472 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226			<u>Database</u>	e count for 75771			
TXUST 94		DRYC	3 RCF	RA-G 2	TXAST	8	
FACZIP DATABASE SITENAME ADDRESS CITY LATITUDE LONGITUD 75771 DRYC LINDALE CLEANERS 1406 S MAIN ST FM 849 @ 120 LINDALE 32.502648 -95.406190 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226		TXLF	1 TXL	UST 16	TXSPILL	8	
FACZIP DATABASE SITENAME ADDRESS CITY LATITUDE LONGITUD 75771 DRYC LINDALE CLEANERS 1406 S MAIN ST FM 849 @ 120 LINDALE 32.502648 -95.406190 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226		TXUST	94				
75771 DRYC LINDALE CLEANERS 1406 S MAIN ST LINDALE 32.502648 -95.40619. FM 849 @ 120 LINDALE 32.507728 -95.400472. VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119. RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.445844. WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950. TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136. R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.52266. 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.52266.	FAC7IP		-	4000500	OLTY	LATITUDE	LONGITUDE
FM 849 @ I 20 LINDALE 32.516287 -95.400472 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226		DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
FM 849 @ I 20 LINDALE 32.516287 -95.400472 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226							
FM 849 @ I 20 LINDALE 32.516287 -95.400472 VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226							
VIP CLEANERS - LINDALE 903A S MAIN ST LINDALE 32.507728 -95.408119 RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226	75771	DRYC	LINDALE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198
RCRA-G HAWLEY SANITATION 16988 COUNTY ROAD 476 LINDALE 32.514803 -95.44584 WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950 TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226				FM 849 @ I 20	LINDALE	32.516287	-95.4004723
WAL-MART STORES TEXAS LLC 105 CENTENNIAL BLVD LINDALE 32.475626 -95.38950. TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.52266 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.52266			VIP CLEANERS - LINDALE	903A S MAIN ST	LINDALE	32.507728	-95.4081199
TXAST LOWES OF LINDALE TX 1965 3200 S MAIN ST LINDALE 32.474752 -95.391136 R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226		RCRA-G	HAWLEY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514803	-95.445846
R OASIS 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226			WAL-MART STORES TEXAS LLC	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503
14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226 14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226		TXAST	LOWES OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474752	-95.3911366
14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226			R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
					LINDALE	32.482386	-95.52266
14773 STATE HIGHWAY 110 N LINDALE 32.482386 -95.5226							-95.52266
							-95.52266
							-95.4091575
			TRANSPORTATION GARAGE				-95.4055929
							-95.4055929
							-95.44583
		TXLUST					-95.5274
							-95.411261
							-95.40927
							-95.447543
							-95.4341 -95.4638
							-95.4341
							-95.447543
							-95.409966
							-95.4341
							-95.2711
							-95.285985
RUNNING W TRUCK STOP 24782 W IH 20 LINDALE 32.499716 -95.58435			RUNNING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357
SMITH COUNTY ROAD DEPT LIND COUNTY RD 4112 LINDALE 32.533 -95.408			SMITH COUNTY ROAD DEPT LIND	COUNTY RD 4112	LINDALE	32.533	-95.4084
TEXACO SERVICE STATION IH 20 @ HWY 69 LINDALE 32.46875 -95.44754			TEXACO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543
TOTAL STORE 4539 3512 S MAIN ST LINDALE 32.469373 -95.38780			TOTAL STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801
TXSPILL ALLEN CANNING CO. PLATFORM SCALE AREA, LINDALE P LINDALE		TXSPILL	ALLEN CANNING CO.	PLATFORM SCALE AREA, LINDALE P	LINDALE		
DORA BRYANT COUNTY RD. 433, 0.5 MI S OF FM 849 LINDALE 32.493992 -95.42172			DORA BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849	LINDALE	32.493992	-95.421729
GATEWAY FENCE CO. 18552 HWY 69 N, LINDALE,TX 75771 LINDALE			GATEWAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE		
18552 HWY 69 N. LINDALE LINDALE				18552 HWY 69 N. LINDALE	LINDALE		
MEGA GULF COAST LINES INC GENERIC INCIDENT ZIP CODE 75771 LINDALE 0			MEGA GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
Quality Liquid Feeds Corner of Houston & Jackson Streets, S Lindale			Quality Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale		
Corner of Houston & Jackson Streets, S Lindale							
							0
		TXUST					-95.408851
							-95.5251648
			ALLEN CANNING COMPANY				-95.4112136
			1011101110001111TDV0T005.4-				-95.4112136
			ARMADILLO COUNTRY STORE 17				-91.9773831
							-91.9773831
							-91.9773831
			BORRY I WELLS				-91.9773831 -94.6943444
							-94.6943444 -95.4093998
			SOLVE HEIDERGON CLAT FROD	·			-95.4093998 -95.4093998
			BROOKSHIRE GROCERY 3	·			-95.408515
32.300000 00.10001							



		Databas	e count for 75771			
	DRYC	· · · · · · · · · · · · · · · · · · ·	RA-G 2	TXAST	8	
	TXLF	1 TXL	UST 16	TXSPILL	8	
	TXUST	94				
E407ID	17031	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998
			22049 FM 1995	LINDALE	32.483715	-95.53998
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851
			HWY 69	LINDALE	32.509009	-95.408851
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511
		MEA NURSERY	N HWY 69	LINDALE	32.541852	-95.419957
			N HWY 69	LINDALE	32.541852	-95.419957
			N HWY 69	LINDALE	32.541852	-95.419957
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		MONTH OOM 1200	2010 O IVIAIIN O1	LINDALL	JZ. 7 04313	33.3300300

			se count for 75771			
	DRYC	3 R0	CRA-G 2	TXAST	8	
	TXLF	1 T>	KLUST 16	TXSPILL	8	
	TXUST	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
						
75771	TXUST	MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
		QUIX 493 COUNTRY STORE	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		RACETRAC 406	3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563	-95.270554
			18562 FM 14	LINDALE	32.535563	-95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
			CR 4112	LINDALE	32.529091	-95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697	-95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684	-95.4081115
			910 S MAIN ST	LINDALE	32.507684	-95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503



Environmental Data Search

for the site

Lindale Reliever Route
US 69 / Loop 49, Lindale, TX

99121B

performed for

Hicks & Company

4/8/2013

HICY6698

Preface



This document of environmental concerns near US 69 / Loop 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

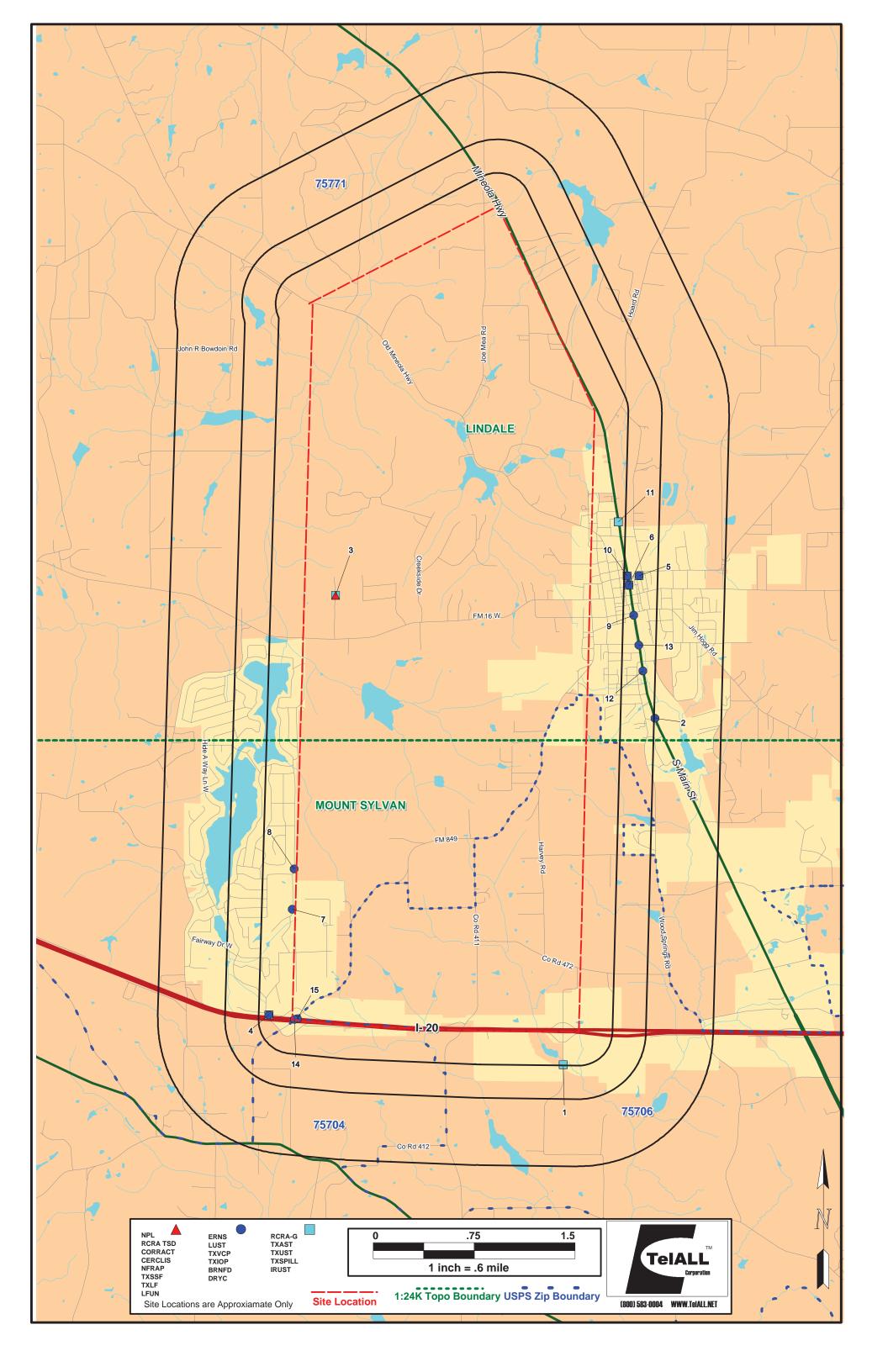
This report is divided into the following components:

MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

FINAL A description of each database and a detailed explanation of findings.

Sources		Last	Minimum Search	
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	12/2012	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	12/2012	0.5	0
No Further Remedial Action Planned	NFRAP	12/2012	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	01/2013	1	0
Corrective Action	CORRACT	01/2013	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	01/2013	0.25	3
Emergency Response Notification System	ERNS	02/2013	0.25	3
Texas Voluntary Cleanup Program	TXVCP	01/2013	0.5	0
Innocent Owner/Operator Program	TXIOP	01/2013	0.5	0
Texas State Superfund	TXSSF	02/2013	1	0
TCEQ Solid Waste Facilities	TXLF	12/2012	1	2
Unauthorized and Unpermitted Landfill Sites	LFUN	12/2012	0.5	1
Leaking Underground Storage Tanks	TXLUST	02/2013	0.5	8
Texas Underground Storage Tanks	TXUST	02/2013	0.25	20
Texas Above Ground Storage Tanks	TXAST	02/2013	0.25	0
Texas Spills List	TXSPILL	12/2012	0.25	1
Brownfield	BRNFD	01/2013	0.5	0
Dry Cleaner	DRYC	02/2013	0.5	2
Indian Reservation Underground Storage Tanks	IRUST	02/2013	0.25	0







Distance/Direction Database

Site

Sites Sorted By Distance from Center

Page 1 Job

Site Name

HICY6698 Date 4/8/2013

Number Address City/State IRUST NO FINDINGS WITHIN 1/4 MILE. NO FINDINGS WITHIN ONE MILE. RCRA TSD NO FINDINGS WITHIN ONE MILE. CORRACT TXVCP NO FINDINGS WITHIN 1/2 MILE. **NFRAP** NO FINDINGS WITHIN 1/2 MILE. NO FINDINGS WITHIN 1/2 MILE. **CERCLIS** NPL NO FINDINGS WITHIN ONE MILE. **BRNFD** NO FINDINGS WITHIN 1/2 MILE. **TXSSF** NO FINDINGS WITHIN ONE MILE. **TXAST** NO FINDINGS WITHIN 1/4 MILE. **TXIOP** NO FINDINGS WITHIN 1/2 MILE. **TXLF** 3 16988 COUNTY ROAD 476 LINDALE SMITH HAWLEY RECYCLING RCRA-G 3 16988 COUNTY ROAD 476 LINDALE HAWLEY SANITATION DRYC 14 FM 849 @ L20 LINDALE LINDALE CLEANERS **ERNS** INTERSTATE 20 FARM MARKET RD FM 84 **GULF COAST TRANSPORT** 15 LYNDALL .01 W **ERNS** 7 234 HIDEAWAY LYNDALE **GIBRALTAR** W **ERNS** 302 HIDEAWAY LANE LINDALE ALL POINTS MOVING STORAGE 8 .16 **TXUST** LINDALE KIDD JONES HIDEAWAY W 4 17080 INTERSTATE 20 W W **TXLUST** 4 17080 I 20 LINDALE QUIX 493 COUNTRY STORE 4 W **TXUST** 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY W **TXUST** 4 17080 INTERSTATE 20 W LINDALE KIDD JONES HIDEAWAY .2 Е **TXUST** 11 802 N MAIN LINDALE POPS FUEL STOP Е **TXUST** 11 802 N MAIN LINDALE POPS FUEL STOP Е **TXUST** 802 N MAIN LINDALE POPS FUEL STOP 11 .25 S 13786 HARVEY ROAD RCRA-G TYI FR TARGET REGIONAL DISTRIBUTION C 1 S **TYLER** TARGET CORP - DISTRIBUTION CENT RCRA-G 13786 COUNTY ROAD 433 1 .25 Е **TXUST** 201 N MAIN ST LINDALE CITY OF LINDALE 6 Е **TXUST** 6 201 N MAIN ST LINDALE CITY OF LINDALE Е LINDALE **TXLUST** 6 201 N MAIN CITY OF LINDALE Е **TXUST** 201 N MAIN ST LINDALE CITY OF LINDALE 6 Е TXLUST 10 310 N MAIN ST LINDALE M & M TRUCK STOP Е LINDALE M & M TRUCK STOP **TXUST** 10 310 N MAIN Е **TXUST** 310 N MAIN LINDALE M & M TRUCK STOP 10 Е **TXUST** 10 310 N MAIN LINDALE M & M TRUCK STOP .34

LINDALE

LINDALE

LINDALE

LINDALE



KIDD JONES LINDALE

ALLEN CANNING CO

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.36

TXLUST

TXUST

TXUST

TXLUST

9

5

5

5

303 S MAIN ST

200 W NORTH ST

200 W NORTH ST

200 NORTH ST



Sites Sorted By Distance from Center

99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 2 Job HICY6698 Date 4/8/2013

		Site			24.0 1/0/2010
Distance/Direction	on Database	Number	Address	City/State	Site Name
.38					
E	TXLUST	13	COOPER ST @ HWY 69	LINDALE	BILL PARROTT
.4					
E	TXLUST	12	907 S MAIN	LINDALE	NUWAY FFP 247
.5					
E	DRYC	2	1406 S MAIN ST	LINDALE	LINDALE CLEANERS
Site Location U	nknown				
	TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL
	TXUST	unknown	BOYD ST	LINDALE	MAINTENANCE GARAGE
	TXLUST	unknown	COUNTY RD 4112	LINDALE	SMITH COUNTY ROAD DEPT LINDALE
	TXSPILL	unknown	COUNTY RD. 433, 0.5 MI S OF FM 849, LIN	LINDALE	DORA BRYANT
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	TXUST	unknown	N HWY 69	LINDALE	MEA NURSERY
	LFUN	unknown	RT. 1. BOX 743-SMALL SECTION JOINING	SMITH	HIDE-A-WAY LAKE CLUB





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NPL

National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

Site: No findings within one mile.

Distance: 0
Address
Zip Code
City:

CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

Site: No findings within 1/2 mile.

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NFRAP

No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

RCRATSD

Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

Site: No findings within one mile.



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CORRACT

Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

Site: No findings within one mile.



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RCRA-G

Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

3

Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0

Address 16988 COUNTY ROAD 476

Zip Code 75771 **City:** LINDALE

EPA ID: TXR000078050 - Site type: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771, Tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

1

Database: RCRA-G

Site: TARGET CORP - DISTRIBUTION CENTER T0578

Distance: 0.25 S

Address 13786 COUNTY ROAD 433

Zip Code 75706 **City:** TYLER

EPA ID: TXR000080037 - Site type: Small Quantity Generator Contact Information: STEVE MUSSER, PO BOX 111 MINNEAPOLIS, MN, 55440, Tel. 800-5872228 NAIC (North American Industrial Classification) Code(s): 49311

EPA ID: TXR000061028 - Site type: Conditionally Exempt Small Quantity Generator Contact Information: MARK SCHWARZE, PO BOX 111 MINNEAPOLIS, 554400111, Tel. 62-696-4014 NAIC (North American Industrial Classification) Code(s): 452112



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ERNS

Emergency Response Notification System

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

15

Database: ERNS

Site: GULF COAST TRANSPORT

Distance: 0

Address INTERSTATE 20 FARM MARKET RD FM 849

Zip Code

City: LYNDALL

ERNS ID NUMBER 384541, ON 4/22/1994 0 UNK OF SODIUM HYDROXIDE, WAS REPORTED AS RELEASED. TRACTOR TRAILER/DRIVER LOST CONTROL, OVERTURNED/1 VEH ACCID. TRACTOR TRAILER/DRIVER LOST CONTROL,OVERTURNED/1 VEH ACCIDENT RESPONSE BY EMTEC/EVACUATED AREA WITHIN 1/2 MILE RADIUS/TRAFFIC ROUTED EASTBOUND CLOSED FOR 2 HOURS/WESTBOUND CLOSED UNTIL EVENING 50 YD RADIUS OF SOIL WAS REMOVED/ACCIDENT OCCURRED IN WESTBOUND LANE INJURY WAS TO DRIVER OF TRACTOR TRAILER/DRIVER WAS TREATED AND RELEASE

7

Database: ERNS

Site: GIBRALTAR

Distance: 0.01 W

Address 234 HIDEAWAY

Zip Code

City: LYNDALE

ERNS ID NUMBER 333483 ,ON 7/26/1993 0 UNK OF ROTTEN EGG SMELL, WAS REPORTED AS RELEASED. DEEP WELL INJECTION DEEP WELL INJECTION NONE



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8

Database: ERNS

Site: ALL POINTS MOVING STORAGE

Distance: 0.01 W

Address 302 HIDEAWAY LANE

Zip Code

City: LINDALE

ERNS ID NUMBER 172200 ,ON 7/13/1990 50 GAL OF OIL: DIESEL, WAS REPORTED AS RELEASED. SEMI TRACTOR ACCIDENTALLY ROLLED INTO POND AND RUPTURED ITS FUEL LINE PRECISION INTERNATIONAL DID CLEANUPS

TXVCP

Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

Site: No findings within 1/2 mile.



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TXIOP

Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

TXSSF

Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSSF

Site: No findings within one mile.



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TXLF

TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

3

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0

Address 16988 COUNTY ROAD 476 LINDALE

Zip Code

City: SMITH

Site ID: 100045 - Permit app. received date: 11/9/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: CN602830739, Hawley Recycling, PO BOX 1121 LINDALE, TX 75771-1121, (903) 882 - 4839.

16

Database: TXLF *Not mapped*
Site: HIDE-A-WAY LAKE LANDFILL

Distance: Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF FM

Zip Code

City: SMITH

Site ID: 1154 - Permit app. received date: Unknown. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: Unknown, Unknown, N/A.



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LFUN

Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

21

Database: LFUN *Not mapped*

Site: Hide-A-Way Lake Club

Distance: Site Location Unknown

Address RT. 1, BOX 743-SMALL SECTION JOINING HWY 16 AT BACK OF

PROPERTY

Zip Code

City: SMITH

Site ID: 617 - The Date of first use is unknownApproximate date of last use: 1975. Owners name: Hide-a-way Lake Club - PRP: Club. Site size is unknown. Contains Household waste. Inspection notes: 5/1/75-Evidence of burning observed; Distance to nearest water course is adjacent; Area fill operation; closure confirmed in TDH memo dated 8/75. Possibly the same as permit no. 1154 according to COG reviewer



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TXLUST

Leaking Underground Storage Tanks

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

4

Database: TXLUST

Site: QUIX 493 COUNTRY STORE

Distance: 0.16 W
Address 17080 I 20
Zip Code 75771
City: LINDALE

Leaking petroleum storage tank identification number (LPSTID) 118480. The subject tank release was reported on 2/3/2011 PRIORITY: 3.5 - A DESIGNATED MAJOR OR MINOR AQUIFER IS IMPACTS TO RECEPTORS. STATUS: 6P - FINAL CONCURRENCE PENDING DOCUMENTATION OF WELL PLUGGING. Facility ID # 0018945 PRP info: STRASBURGER ENTERPRISES INC, PO BOX 6117, TEMPLE TX 76503 Contact: GREG STRASBURGER Tel: 254/778-3547 Location description: 17080 I 20

6

Database: TXLUST

Site: CITY OF LINDALE

Distance: 0.251 E **Address** 201 N MAIN

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 097105. The subject tank release was reported on 11/1/1990 PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0047934 PRP info: CITY OF LINDALE, PO BOX 130, LINDALE TX 75771 Contact: SCOTT EPPERSON Tel: 903/882-3422 Location description: 201 N MAIN



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10

Database: TXLUST

Site: M & M TRUCK STOP

Distance: 0.251 E

Address 310 N MAIN ST

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 102146. The subject tank release was reported on 4/17/1992 PRIORITY: 5 - MINOR SOIL CONTAMINATION-DOES NOT REQUIRE A RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0062451 PRP info: BOYD B L, 619 BEAN ST, KILGORE TX 75662 Contact: B L BOYD Tel: 903/983-2659 Location description: 310 N MAIN ST N HWY 69 @ BRAZIL ST

9

Database: TXLUST

Site: KIDD JONES LINDALE

Distance: 0.339 E

Address 303 S MAIN ST

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 116994. The subject tank release was reported on 10/3/2006 PRIORITY: 3.2 - IMPACTED GW W/IN 500FT-0.25MI TO SW USED BY HUMAN, ENDGR SPEC. STATUS: 2 - SITE ASSESSMENT. Facility ID # 0039220 PRP info: JERRY KIDD OIL CO, PO BOX 365, CHANDLER TX 75758 Contact: DAVID KIDD Tel: 903/849-6265 Location description: 303 S MAIN ST

5

Database: TXLUST

Site: ALLEN CANNING CO

Distance: 0.359 E

Address 200 NORTH ST

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 096445. The subject tank release was reported on 8/14/1990 PRIORITY: 4A - SOIL CONTAMINATION ONLY, REQUIRES FULL SITE ASSESSMENT & RAP. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # is unknown. PRP info: ALLEN CANNING CO, PO BOX 250, SILOAM SPRINGS AR 72761 Contact: BOB RUSH Tel: 800/643-3646 Location description: 200 NORTH ST



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13

Database: TXLUST

Site: BILL PARROTT

Distance: 0.377 E

Address COOPER ST @ HWY 69

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 102406. The subject tank release was reported on 4/1/1992 PRIORITY: 2.5 - GW IMPACT, PUBLIC/DOMESTIC WATER SUPPLY WELL W/IN 0.25MI. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0062247 PRP info: PARROT BILL, PO BOX 457, LINDALE TX 75771 Contact: BILL PARROTT Tel: 903/882-9262 Location description: COOPER ST @ HWY 69

12

Database: TXLUST

Site: NUWAY FFP 247

Distance: 0.403 E

Address 907 S MAIN

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 104367. The subject tank release was reported on 10/2/1992 PRIORITY: 2.5 - GW IMPACT, PUBLIC/DOMESTIC WATER SUPPLY WELL W/IN 0.25MI. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0018510 PRP info: FFP OPERATING PARTNERS, 2801 GLENDA AVE, FORT WORTH TX 76117 Contact: ROBERT BYRNES Tel: 817/838-4721 Location description: 907 SOUTH MAIN & HIGHWAY 69 S

18

Database: TXLUST *Not mapped*

Site: SMITH COUNTY ROAD DEPT LINDALE

Distance: Site Location Unknown **Address** COUNTY RD 4112

Zip Code 75771 **City:** LINDALE

Leaking petroleum storage tank identification number (LPSTID) 098602. The subject tank release was reported on 4/15/1991 PRIORITY: 3.5 - A DESIGNATED MAJOR OR MINOR AQUIFER IS IMPACTS TO RECEPTORS. STATUS: 6A - FINAL CONCURRENCE ISSUED, CASE CLOSED. Facility ID # 0047363 PRP info: SMITH COUNTY FIRE MARSHAL, 106 E ELM ROOM 400, TYLER TX 75702 Contact: CHARLES E SHINE Tel: 903/535-0965 Location description: COUNTY RD 4112



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TXUST

Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

4

Database: TXUST

Site: KIDD JONES HIDEAWAY

Distance: 0.16 W

Address 17080 INTERSTATE 20 W

Zip Code 75771 **City:** LINDALE

Facility ID number 0018945, TCEQ unit ID number 00215802, tank ID number 4,date installed (MMDDYYYY) 09272011, total capacity in gallons: 0020000 Tank is currently in use. Tank compartments: Compartment A: Gasoline. Capacity 0020000 gal The tank construction is of composite - double wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00215803, tank ID number 5,date installed (MMDDYYYY) 09272011, total capacity in gallons: 0015000 Tank is currently in use. Tank compartments: Compartment A: Gasoline. Capacity: 0006000 gal, Comp. B: Diesel. Capacity: 0009000 gal The tank construction is of composite double wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049345, tank ID number 3,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049346, tank ID number 2,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.

Facility ID number 0018945, TCEQ unit ID number 00049344, tank ID number 1,date installed (MMDDYYYY) 01011974, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0008000 gal The tank construction is of steel - single wall. The owner of the facility is JERRY KIDD OIL COMPANY, the telephone number listed for the owner is 903-849-6265.



Database: TXUST

Site: POPS FUEL STOP

Distance: 0.198 E **Address** 802 N MAIN

Zip Code 75771 **City:** LINDALE

Facility ID number 0065878, TCEQ unit ID number 00171572, tank ID number 1,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0008000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0008000 gal The tank construction is of composite - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

Facility ID number 0065878, TCEQ unit ID number 00171574, tank ID number 3,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of fiberglass-reinforced plastic (FRP) - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

Facility ID number 0065878, TCEQ unit ID number 00171573, tank ID number 2,date installed (MMDDYYYY) 04011994, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of fiberglass-reinforced plastic (FRP) - double wall. The owner of the facility is RONNIE KEELS, the telephone number listed for the owner is 903-882-9961.

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Date 4/8/2013

HICY6698

Job



Page 15 Job HICY6698 Date 4/8/2013

6

Database: TXUST

Site: CITY OF LINDALE

Distance: 0.251 E

 Address
 201 N MAIN ST

 Zip Code
 75771-6419

 City:
 LINDALE

Facility ID number 0047934, TCEQ unit ID number 00124898, tank ID number 3,date installed (MMDDYYYY) 01011979, total capacity in gallons: 0000400 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000400 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

Facility ID number 0047934, TCEQ unit ID number 00124897, tank ID number 2,date installed (MMDDYYYY) 01011969, total capacity in gallons: 0000500 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000500 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

Facility ID number 0047934, TCEQ unit ID number 00124896, tank ID number 1,date installed (MMDDYYYY) 01011969, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0001000 gal The tank construction is of steel. The owner of the facility is CITY OF LINDALE, the telephone number listed for the owner is 903-820-3422.

10

Database: TXUST

Site: M & M TRUCK STOP

Distance: 0.251 E

Address 310 N MAIN

Zip Code 75771 **City:** LINDALE

Facility ID number 0062451, TCEQ unit ID number 00144847, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0003000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0003000 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.

Facility ID number 0062451, TCEQ unit ID number 00144846, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000500 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0000500 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.

Facility ID number 0062451, TCEQ unit ID number 00144848, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: New Oil. Capacity 0001000 gal The tank construction is of steel - single wall. The owner of the facility is BOYD B L, the telephone number listed for the owner is 9039832659.



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5

Database: TXUST

Site: ALLEN CANNING COMPANY

Distance: 0.359 E

Address 200 W NORTH ST

Zip Code 75771 **City:** LINDALE

Facility ID number 0054813, TCEQ unit ID number 00133856, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0000000 gal The tank construction is of steel. The owner of the facility is ALLEN CANNING COMAPNY, the telephone number listed for the owner is 8003437794.

Facility ID number 0054813, TCEQ unit ID number 00133855, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0000000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0000000 gal The tank construction is of steel. The owner of the facility is ALLEN CANNING COMAPNY, the telephone number listed for the owner is 8003437794.

17

Database: TXUST *Not mapped*

Site: MAINTENANCE GARAGE

Distance: Site Location Unknown

Address BOYD ST Zip Code 75771 City: LINDALE

Facility ID number 0047563, TCEQ unit ID number 00124027, tank ID number 1,date installed (MMDDYYYY) 01011964, total capacity in gallons: 0001000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0001000 gal The tank construction is of steel. The owner of the facility is LINDALE ISD, the telephone number listed for the owner is 9038826157.



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20

Database: TXUST *Not mapped*

Site: MEA NURSERY

Distance: Site Location Unknown

Address N HWY 69

Zip Code 75771

City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

TXAST

Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

Site: No findings within 1/4 mile.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 18 Job HICY6698 Date 4/8/2013

TXSPILL

Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

19

Database: TXSPILL *Not mapped*

Site: DORA BRYANT

Distance: Site Location Unknown

Address COUNTY RD. 433, 0.5 MI S OF FM 849, LINDALE TX

Zip Code 75771 **City:** LINDALE

Date of Spill: 4/24/91 - Notification Date: 4/24/91. Material Spilled: TIRE FIRE. Amount of material spilled: UNK LBS. class of spill: Other Pollutant. The cleanup status is: inadequate . The type of media affected is not specified. The basin where the spill occured: SABINE RIVER.

BRNFD

Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

Site: No findings within 1/2 mile.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 19 Job HICY6698 Date 4/8/2013

DRYC

Dry Cleaner

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

14

Database: DRYC

Site: LINDALE CLEANERS

Distance: 0

Address FM 849 @ I 20

Zip Code 75771 **City:** LINDALE

Regulated Entity ID: RN104002167. Customer ID: CN601639461. Owner: FINANCIAL EARNINGS GROUP INC. Dry Cleaner Type: DROP STATION REGISTRATION. Uses Perchloroethylene: Unknown.

2

Database: DRYC

Site: LINDALE CLEANERS

Distance: 0.5 E

Address 1406 S MAIN ST

Zip Code 75771 **City:** LINDALE

Regulated Entity ID: RN105239297. Customer ID: CN601639461. Owner: FINANCIAL EARNINGS GROUP INC. Dry Cleaner Type: FACILITY

REGISTRATION. Uses Perchloroethylene: Unknown.



99121B Lindale Reliever Route US 69 / Loop 49, Lindale, TX Page 20 Job HICY6698 Date 4/8/2013

IRUST

Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

Site: No findings within 1/4 mile.

TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



	ERNS	4	RCRA-G	2	TXAST 20
	TXLUST	5	TXSPILL	4	TXUST 43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY LATITUDE LONGITUDE

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	32.353932	-95.4025638
		WAL-MART STORES TEXAS LLC -	3820 HIGHWAY 64 W	TYLER	32.351370	-95.3458802
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
			12426 HIGHWAY 64 W	TYLER	32.536850	-95.8564864
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	29.514029	-98.465432
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	29.990908	-93.947846
			209 AIRPORT DR	TYLER	29.990908	-93.947846
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	34.529345	-101.79636
		TYLER AERO	1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
			1320 CR 1143	TYLER	32.95484	-96.863111
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 HWY 64 WEST	TYLER	32.357665	-95.362185
			11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler	0	0
			Kirby Station Located on HWY 64 West	Tyler	0	0
		CITY OF TYLER	located at 14939 County Road 46, appr		0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER	0	0
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 1054	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 1057	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
						TM

			e count for 75704		
	ERNS	4 RCF	RA-G 2	TXAST	20
	TXLUST	5 TXS	SPILL 4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
					_
75704	TXUST	FOOD FAST 1057 HOLLAND AIRCRAFT ENGINE SER	11812 STATE HIGHWAY 64 W General Delivery	TYLER TYLER	32.358428 -95.362026 32.398602 -95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602 -95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525 -95.4027129
			353 AIRPORT RD	TYLER	32.362525 -95.4027129
		KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773
			704 CR 1143	TYLER	32.360303 -95.3909773
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		NATIONAL CAR RENTAL TYLER P	150 AIRPORT DR	TYLER	32.360089 -95.3989967
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186
			1862 CR 1143	TYLER	32.356400 -95.3908186
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003

CERCLIS			<u>Databas</u>	e count for 75706			
TXLUST 3 TXSPILL 12 TXUST 90		CERCLIS	1 CO	RRACT 1	ERNS	1	
TACAPP		RCRA TSD	1 RCI	RA-G 3	TXAST	35	
75706 CERCLIS FM 14 DRUM SITE 4912 FM 14 TYLER 32.37796 -96.2912499 FRORA TSD RORA TSD RORA TSD RORA TSD RORA TSD RORA TSD TARGET CORP - DISTRIBUTION 13786 HARVEY ROAD 433 TYLER 32.414898 -95.328611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.44898 -95.328611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.46893 -95.328611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.46893 -95.328611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.46893 -95.328611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.46893 -96.369611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.060153 -96.0006611 TYLER PIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 PILIPE COMPANY 11721 US HIGHWAY 98 N TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 32.060153 -96.0006611 JOHN SOULES FOODS 10950 FM 14 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TYLER 35.210647 -1018.33489 CR 489 TY		TXLUST	3 TXS	SPILL 12	TXUST	90	
75706 CERCLIS FM 14 DRUM SITE 4842 FM 14 TYLER 32.37786 46.2912499 CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.414888 483.32611 RORA 75D NCRA-75 D TARGET CORP - DISTRIBUTION C 13768 COUNTY ROAD A33 TYLER 32.414889 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.46893 495.32611 HWY 69 N TYLER 32.66915 495.8006611 HWY 69 N TYLER 32.08915 495.8006611 HWY 69 N TYLER 31.07642 477.3761893 DIGHT 1172 CR 400 TYLER 32.08915 495.326161 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.08915 495.8006611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.08915 495.8006611 TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 32.08915 495.8006611 HWY 69 N TYLER 32.08915 495.8006611 HWY 69 N TYLER 32.08915 495.8006611 TYLER STATES ENVIRONMENTAL OLES CR 499 TYLER 32.21697 4101.333489 CR 489 TYLER 35.210647 4101.333489 CR 489 T	FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 22.44888 -95.352911 RORAL TSD		-	-				
CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 22.44888 -95.352911 RORAL TSD							
CORRACT TYLER PIPE COMPANY 11721 US HIGHWAY 69 N TYLER 22.44888 -95.352911 RORAL TSD							
RCRA	75706						
RCPA TSD			I YLER PIPE COMPANY				
PACRA-G TARGET CORP - DISTRIBUTION C 1378 COUNTY ROAD 433 TYLE							
TARGET REGIONAL DISTRIBUTIO 1378 HARVEY ROAD TYLER 32.468202 66.412098 TXAST FWA TRANSPORTATION HIYY 69 N TYLER 32.241888 39.532611 JOHN SOULES FOODS 10150 FM 14 TYLER 32.000153 368.0066611 JOHN SOULES FOODS 10150 FM 14 TYLER 31.077432 97.3781029 OIL TRANSPORT 419E NORTHEAST LOOP 323 TYLER 31.077432 97.3781029 PUMPCO 11126 CR 490 TYLER 29.480253 398.361982 STATES ENVIRONMENTAL OLLSE CR 499 TYLER 35.210647 101833489 CR 489 TYLER 35.210647 101833489 10182 10182 101833489 10182 101833489 <th></th> <th></th> <th>TARCET CORR. DISTRIBUTION C</th> <th></th> <th></th> <th></th> <th></th>			TARCET CORR. DISTRIBUTION C				
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FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXSPILL	GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706	TYLER	0	0
		LETOURNEAU, INC	ON LETOURNEAU PLANT W OF HIG	LONGVIEW	0	0
		MCWANE INC	11721 US HIGHWAY 69 N TYLER TX	TYLER	0	0
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
			INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377
		UDS / Total Petroleum	3512 S Main St # 69	Tyler	32.4421	-95.3668
			3512 S Main St # 69	Tyler	32.4421	-95.3668
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		BUNNYS 14	638 E NORTHEAST LOOP 323	TYLER	0	0
			638 E NORTHEAST LOOP 323	TYLER	0	0
			638 E NORTHEAST LOOP 323	TYLER	0	0
		C SHELL	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621
		CO-OPERATIVE ROSE GROWERS	US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652
		DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
			13341 I 20 W	TYLER	32.469976	-95.358621
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689
			HWY 69 N	TYLER	32.466513	-95.387689
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578
			390 CR 313 W	TYLER	32.488340	-95.2824578
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878
			I 20 & HWY 14	TYLER	31.311986	-96.6303878
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406
			1201 SPEIGHT	WACO	31.539819	-97.125406
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
			12881 FM 14	TYLER	32.451744	-95.284507
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414



CERCLIS 1 CORRACT 1 ERNS 1 RCRA TSD 1 RCRA-G 3 TXAST 35 TXLUST 3 TXSPILL 12 TXUST 90 FACZIP DATABASE SITENAME ADDRESS CITY LATITU	DE LONGITUDE
TXLUST 3 TXSPILL 12 TXUST 90	DE LONGITUDE
FACTIO	E LONGITUDE
FACZIP DATABASE SITENAME ADDRESS CITY LATITU	E LONGITUDE
75706 <i>TXUST</i> ROBERT C JACKSON 12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
12816 FM 14 TYLER 32.45	33 -95.281892
SAND FLANT UNIT FM 14 10MI S OF TYLER TYLER 32.447	38 -95.3311652
SEXTON ROSES 10076 US HIGHWAY 69 N TYLER 32.410	39 -95.346997
STATE PARK GROCERY 14910 FM 14 TYLER 32.481	22 -95.279267
14910 FM 14 TYLER 32.4819	22 -95.279267
14910 FM 14 TYLER 32.4819	22 -95.279267
STOP N GO EXXON 13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
13411 INTERSTATE 20 W TYLER 32.4699	76 -95.358621
TYLER FUEL PLAZA 3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.4693	38 -95.387236
3512 S MAIN ST TYLER 32.469	
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3512 S MAIN ST TYLER 32.469	
TYLER PIPE 11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
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11910 COUNTY ROAD 492 TYLER 32.466	
11910 COUNTY ROAD 492 TYLER 32.466	
TYLER STATE PARK General Delivery TYLER 32.447:	
General Delivery TYLER 32.447:	
UNITED FUEL & ENGERGY SFS Y 10449 US HIGHWAY 69 N TYLER 32.466	
10449 US HIGHWAY 69 N TYLER 32.466	
UNITY 6 General Delivery TYLER 32.447:	
General Delivery TYLER 32.447	
General Delivery TYLER 32.447	
WILSON-RILEY General Delivery TYLER 32.447:	
YELLOW TRANSPORTATION 3722 N NORTHEAST LOOP 323 TYLER 32.3859	72 -95.268706



	TXAST	8				
	DRYC		RA-G 2		_	
	TXLUST		PILL 8	TXUST	96	
	TXVCP	1				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	DRYC	LINDALE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198
	5054.0	HAME EV CANUTATION	FM 849 @ I 20	LINDALE	32.516287	-95.4004723
	RCRA-G	HAWLEY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514783	-95.44572
	TVAOT	WAL-MART STORES TEXAS LLC -	105 CENTENNIAL BLVD	LINDALE	32.474058	-95.387922
	TXAST	LOWES OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474759	-95.3911652
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964
			14773 STATE HIGHWAY 110 N 14773 STATE HIGHWAY 110 N	LINDALE	30.269774 30.269774	-97.749964 -97.749964
			14773 STATE HIGHWAY 110 N	LINDALE	30.269774	-97.749964
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.717255	-97.149417
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.350770	-88.7434533
		TIVINGE CITIVITION CANAGE	605 BRAD CIR	LINDALE	32.350770	-88.7434533
	TXLUST	ABANDONED STATION GILLIS FA	CR 445 GARDEN VALLEY COMMUNIT		32.5372	-95.5274
	TALOST	ALLEN CANNING CO	200 NORTH ST	LINDALE	32.517312	-95.411261
		BILL PARROTT	COOPER ST @ HWY 69	LINDALE	32.510194	-95.40927
		CHEVRON CORNER MARKET	147 I H 20	LINDALE	32.46875	-95.447543
		CITY OF LINDALE	201 N MAIN	LINDALE	32.5129	-95.4341
		HIDE A WAY LAKE CLUB MARINA	HIDE A WAY LN W	LINDALE	32.4841	-95.4638
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.5129	-95.4341
		LOVES COUNTRY STORE 225	I 20 @ HWY 110	LINDALE	32.46875	-95.447543
		M & M TRUCK STOP	310 N MAIN ST	LINDALE	32.517701	-95.409966
		NUWAY FFP 247	907 S MAIN	LINDALE	32.5129	-95.4341
		QUIX 493 COUNTRY STORE	17080 I 20	LINDALE	32.470399	-95.455896
		RITE TRACK 9	18562 FM 14	LINDALE	32.532	-95.2711
		ROAD RUNNER 109	IH 20 @ HWY 69 N	TYLER	32.453475	-95.285985
		RUNNING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357
		SMITH COUNTY ROAD DEPT LIND	COUNTY RD 4112	LINDALE	32.533	-95.4084
		TEXACO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543
		TOTAL STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801
	TXSPILL	ALLEN CANNING CO.	PLATFORM SCALE AREA, LINDALE P	LINDALE	0	0
		DORA BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849	LINDALE	32.493992	-95.421729
		GATEWAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE	0	0
			18552 HWY 69 N. LINDALE	LINDALE	0	0
		MEGA GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
		Quality Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale	0	0
			Corner of Houston & Jackson Streets, S		0	0
		TEXAS DEPARTMENT OF TRANSP			0	0
	TXUST	882 CO LINDALE SWAN	2519 S MAIN ST	LINDALE	32.509009	-95.408851
		ABANDONED STATION	CR 445	GARDEN VALL	32.544846	-95.5251648
		ALLEN CANNING COMPANY	200 W NORTH ST	LINDALE	32.517351	-95.4112136
			200 W NORTH ST	LINDALE	32.517351	-95.4112136
		ARMADILLO COUNTRY STORE 17	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		DODDVI WELLS	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		BOBBY L WELLS	RT 3	LINDALE	30.867659	-94.6943444
		BORAL HENDERSON CLAY PROD	General Delivery	LINDALE	32.515697	-95.4093998
		BBOOKSHIDE CDOCEDY 2	General Delivery	LINDALE	32.515697	-95.4093998 -95.408515
		BROOKSHIRE GROCERY 3 CITY OF LINDALE	521 S MAIN ST 201 N MAIN ST	LINDALE LINDALE	32.509666 32.517128	-95.408515 -95.4099647
		OTH OF LINDALL	ZOT N WICHN OT	LINDALL	JZ.J17120	30.7033047



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	DRYC	2 RCI	RA-G 2	TXAST	8	
	TXLUST	17 TXS	SPILL 8	TXUST	96	
	TXVCP	1				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
		0.0000000000000000000000000000000000000	907 S MAIN ST	LINDALE	32.507112	-95.408526
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998
		0015001100511111751011	22049 FM 1995	LINDALE	32.483715	-95.53998
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		/// 101/50 / 105 / 1105	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		KIDD JONES HIDEAWAY	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	0	0
		KIDD JONES LINDALE	17080 INTERSTATE 20 W	LINDALE	0	0
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LACT DAVC EVANCELICAL ACCO	303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851
		LINDALE STATE DANK	HWY 69	LINDALE	32.509009	-95.408851
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615 -95.4097615
			107 N MAIN ST	LINDALE	32.516180	
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TYPOSOFOSOO	107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TDUOY OTOD	120 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE CAST CO	310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511



		·	se count for 75771		_
	DRYC	2 RC	RA-G 2	TXAST	8
	TXLUST	17 TX	SPILL 8	TXUST	96
	TXVCP	1			
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
75771	TXUST	MEA NURSERY	N HWY 69	LINDALE	32.541852 -95.419957
70777			N HWY 69	LINDALE	32.541852 -95.419957
			N HWY 69	LINDALE	32.541852 -95.419957
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913 -95.3968308
			2318 S MAIN ST	LINDALE	32.484913 -95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784 -95.411955
			802 N MAIN	LINDALE	32.523784 -95.411955
			802 N MAIN	LINDALE	32.523784 -95.411955
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386 -95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786 -91.9773831
		RACEWAY 6760	3318 S MAIN ST	LINDALE	32.471523 -95.388882
			3318 S MAIN ST	LINDALE	32.471523 -95.388882
			3318 S MAIN ST	LINDALE	32.471523 -95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563 -95.270554
			18562 FM 14	LINDALE	32.535563 -95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091 -95.4091575
			CR 4112	LINDALE	32.529091 -95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697 -95.4093998
			I 20 & HWY 110	LINDALE	32.515697 -95.4093998
			I 20 & HWY 110	LINDALE	32.515697 -95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138 -95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697 -95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
			HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
			HWY 69 & COOPER	LINDALE	32.510226 -95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684 -95.4081115
			910 S MAIN ST	LINDALE	32.507684 -95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626 -95.389503
	TXVCP	McNeese Tract	3012 South Main Street	Lindale	32.476629 -95.3921761



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Map of approximate site area included for increased accuracy. www.TeIALL.net Site Information **Project Name:** Project #: Street Address: City, County, State, Zip: Latitude/Longitude: Cross Street/Special Instructions: *For same day service please order before noon C.S.T. *Call for approximate aerial coverage *Some services available nationwide ☐ TelALL AAI, ASTM Radius Data Search / Historical Aerial Photo Combo Package *Save with TelALL's most popular package \$144 ■ TelALL AAI, ASTM Radius Data Search *Recent aerial photo included *AAI, ASTM search distances with color map included *USGS topo map included \$98 Extra Quarter Option *Add an extra quarter mile to our radius search or combo *Great for larger properties *Use with the AAI, ASTM radius search or combo to add a 1/4 mile to all databases. (adds +1.76 sq. mi.of total search area!) \$56 *Recent aerial photo included *USGS topo map included ☐ TelALL Custom Boundary Data Search *ASTM distances from actual property boundaries *Great for large or irregular sites Call /Quote *Call or check online for approximate aerial coverage TelALL Historical Aerial Photography Search *Up to 7 decades searched *Same day service \$64 TelALL New Aerial *Quick turnaround time *High resolution aerial photos of your site that are days old *Multiple photos sent on CD Call /Quote **TelALL NEPA Check** *Flood map, Wetlands map, Parks, Preserves, Historic sites, Endangered species \$98 *Parcel number required Chain of Title Search *Current lien information included *Up to 50 years searched *Single deed coverage \$243 **Current Lien Search** *Current title information included *Parcel number required *Single deed coverage \$138 *Some services available nationwide Other TelALL Services City Directories (\$60 p/hour - address required) Water Well Search 1/2 Mile \$165 NWI Wetland Map Historical Topographic Maps \$35 Aquifer Structure \$35 FEMA Flood Insurance Map \$20 USGS Topo Map \$15 Geologic Atlas Map \$20 $(7.5 \, \text{min})$ RecentPhoto (newest available) Oil and Gas Review (\$40 p/hour \$65 for location map) \$15 Sanborn Maps (findings \$139/no findings \$45) Soil Survey Map *Everything will be sent digitally free of *We can take payment information over **Shipping Options** Payment charge unless hardcopies are requested *Next Day Shipping \$25 if no Account # is Provided ☐ VISA - MC - AMEX - eCheck (Circle one) Internet Delivery *Free schampion@hicksenv.com PO #: **Fedex** Overnight AM Delivery Overnight PM Delivery 2nd Day Card# Account # Expiration Overnight AM Delivery Overnight PM Delivery 2nd Day U.P.S. Name on Card Account #: □ Lone Star Overnight Questions? Call Toll-Free 800.583.0004. or Email Us at Sales@TelALL.net Account #:





Environmental Data Search

for the site

North Lindale Relief Route US 69 / LP 49, Lindale, TX

99121B

performed for

Hicks & Company

12/14/2010

HICY6675

Preface



This document of environmental concerns near US 69 / LP 49, Lindale, TX reports findings of the TelALL data search, prepared on the request of Hicks & Company.

TelALL Corporation (TelALL) has designed this document to comply with the AAI and ASTM standard E 1527 - 05 (Accuracy and Completeness) and has used all available resources, but makes no claim to the entirety or accuracy of the cited government, state, or tribal records. Our databases are updated at least every 90 days or as soon as possible after publication by the referenced agencies. The following fields of governmental, state, and tribal databases may not represent all known, unknown, or potential sources of contamination to the referenced site. Many different variables effect the outcome of the following document. TelALL maintains extremely high standards, and stringent procedures that are used to search the referenced data. However, TelALL reserves the right at any time to amend any information related to this report. If there is a need for further information regarding this report, or for any customer support please call TelALL at 800 583-0004 for assistance.

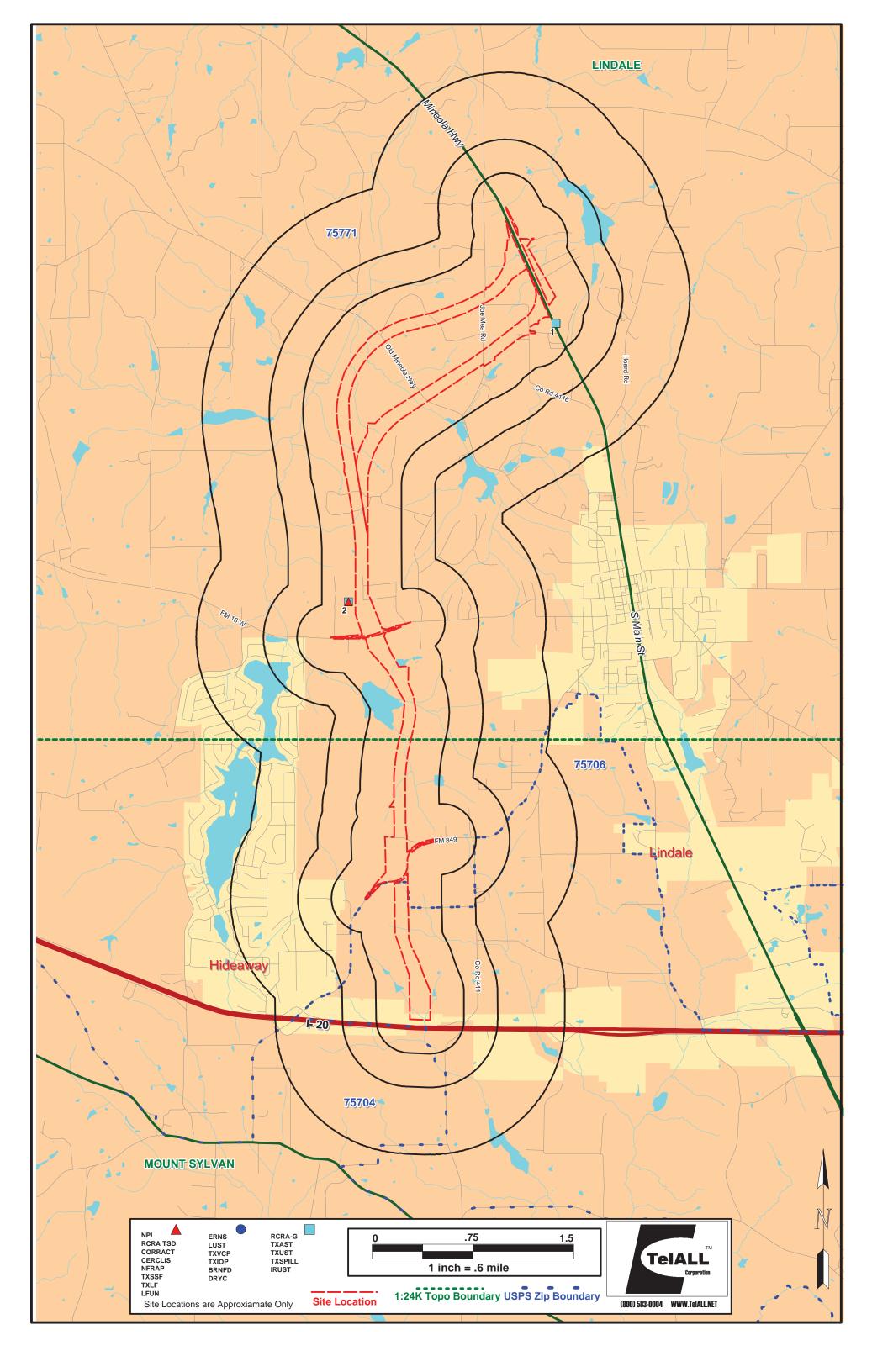
This report is divided into the following components:

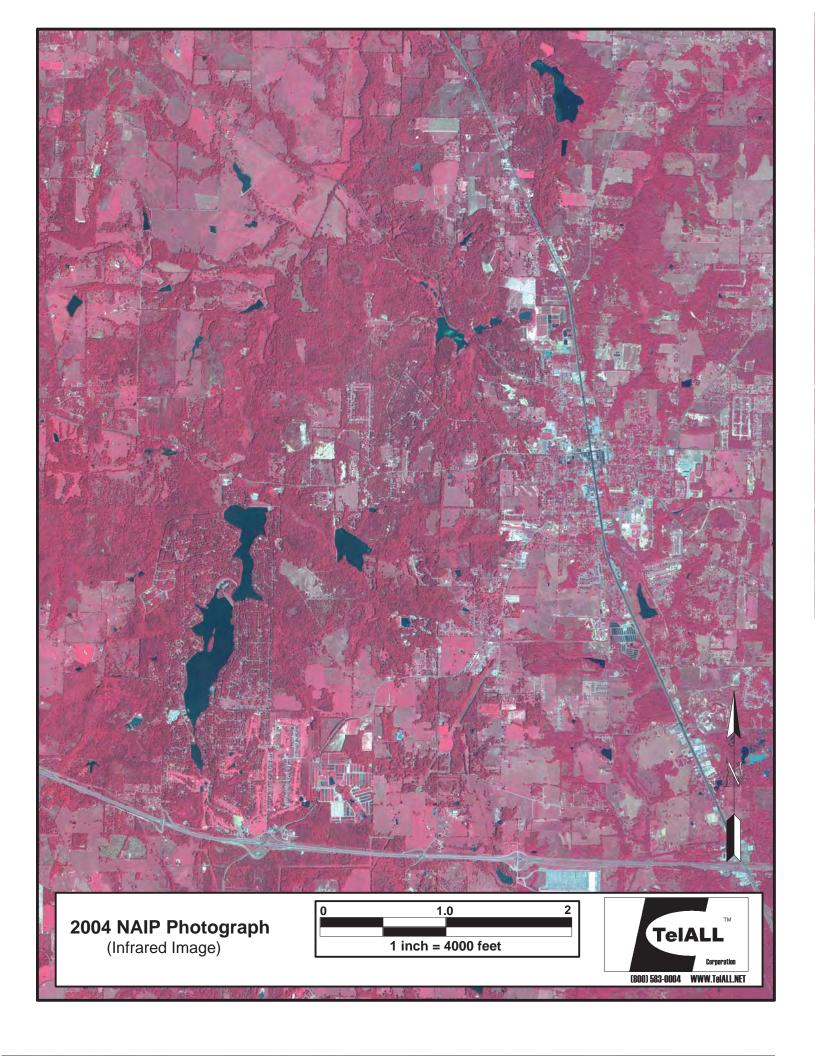
MAP Identified geocodeable findings relative to this data search.SUMMARY 1 Sorting of the identified sites by distance from the subject site.

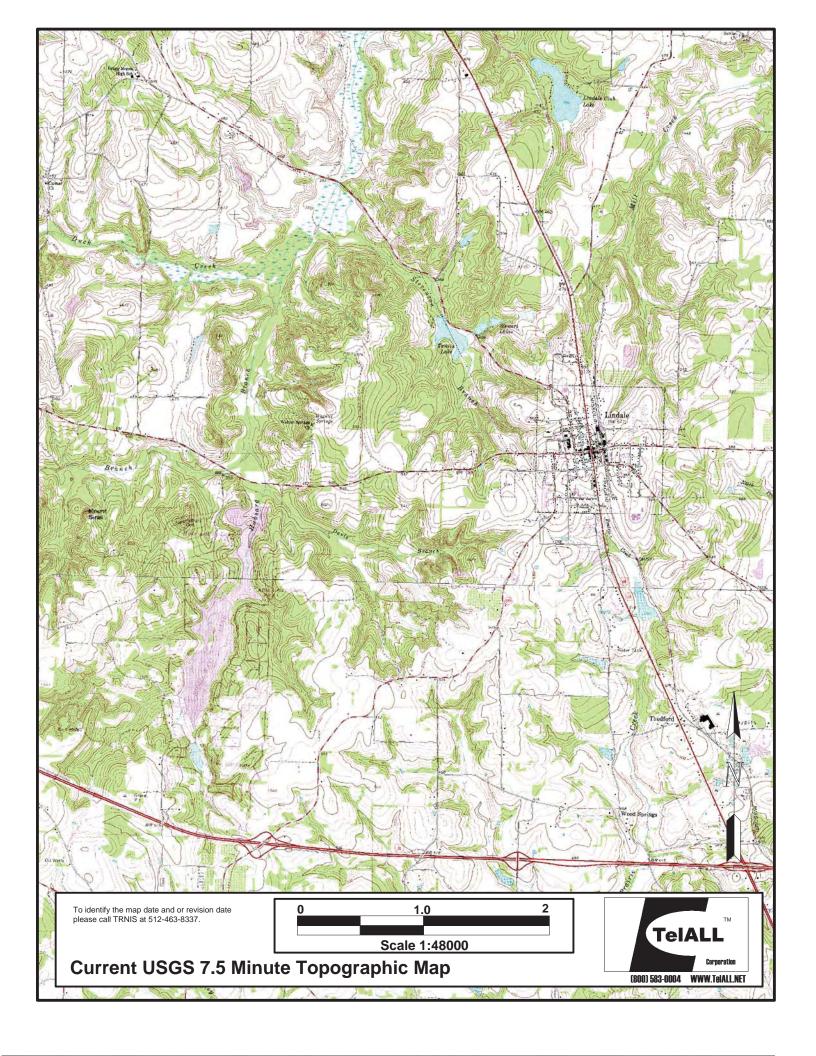
FINAL A description of each database and a detailed explanation of findings.

Sources		Last	Minimum Search	
Database	Acronym	Updated	Distance	Findings
National Priority List	NPL	09/2010	1	0
Comprehensive Environmental Response, Compensation, and Liability Information System	CERCLIS	09/2010	0.5	0
No Further Remedial Action Planned	NFRAP	09/2010	0.5	0
Resource Conservation and Recovery Information System - Treatment Storage or Disposal	RCRA TSD	10/2010	1	0
Corrective Action	CORRACT	10/2010	1	0
Resource Conservation and Recovery Information System - Generators	RCRA-G	10/2010	0.25	1
Emergency Response Notification System	ERNS	11/2010	0.25	0
Texas Voluntary Cleanup Program	TXVCP	10/2010	0.5	0
Innocent Owner/Operator Program	TXIOP	10/2010	0.5	0
Texas State Superfund	TXSSF	11/2010	1	0
TCEQ Solid Waste Facilities	TXLF	09/2010	1	3
Unauthorized and Unpermitted Landfill Sites	LFUN	09/2010	0.5	0
Leaking Underground Storage Tanks	TXLUST	11/2010	0.5	0
Texas Underground Storage Tanks	TXUST	11/2010	0.25	3
Texas Above Ground Storage Tanks	TXAST	11/2010	0.25	0
Texas Spills List	TXSPILL	09/2010	0.25	0
Brownfield	BRNFD	10/2010	0.5	0
Dry Cleaner	DRYC	11/2010	0.5	0
Indian Reservation Underground Storage Tanks	IRUST	11/2010	0.25	0











Sites Sorted By Distance from Center

Page 1 Job HICY6675 Date 12/14/2010

Site Distance/Direction Database Number Address City/State Site Name

		IRUST				NO FINDINGS WITHIN 1/4 MILE.
		NPL				NO FINDINGS WITHIN ONE MILE.
		CERCLIS				NO FINDINGS WITHIN 1/2 MILE.
		NFRAP				NO FINDINGS WITHIN 1/2 MILE.
		CORRACT				NO FINDINGS WITHIN ONE MILE.
		ERNS				NO FINDINGS WITHIN 1/4 MILE.
		TXVCP				NO FINDINGS WITHIN 1/2 MILE.
		RCRA TSD				NO FINDINGS WITHIN ONE MILE.
		TXAST				NO FINDINGS WITHIN 1/4 MILE.
		TXLUST				NO FINDINGS WITHIN 1/2 MILE.
		TXSSF				NO FINDINGS WITHIN ONE MILE.
		TXSPILL				NO FINDINGS WITHIN 1/4 MILE.
		LFUN				NO FINDINGS WITHIN 1/2 MILE.
		TXIOP				NO FINDINGS WITHIN 1/2 MILE.
		BRNFD				NO FINDINGS WITHIN 1/2 MILE.
		DRYC				NO FINDINGS WITHIN 1/2 MILE.
.05						
	W	RCRA-G	2	16988 COUNTY ROAD 476	LINDALE	HAWLEY SANITATION
	W	TXLF	2	16988 COUNTY ROAD 476 LINDALE, TX 7	SMITH	HAWLEY RECYCLING
.08						
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
	SE	TXUST	1	N HWY 69	LINDALE	MEA NURSERY
Site Loc	cation Ur	nknown				
		TXLF	unknown	2.5 MILES W OF JUNCTION OF US HIGHW	SMITH	HIDE-A-WAY LAKE LANDFILL
		TXLF	unknown	3.5 MILES W OF LINDALE ON FM 16 LIND	SMITH	CITY OF LINDALE LANDFILL





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NPL

National Priority List

NPL is a priority subset of the CERCLIS list. (See CERCLIS, below) The Cerclis list was created by the Comprehensive Environmental Response, Compensation and Liability Acts (CERCLA) need to track contaminated sites. CERCLA was enacted on 12/11/80, and amended by the Superfund Amendments and Reauthorization Act of 1986. These acts established broad authority for the government to respond to problems posed by the release, or threat of release of hazardous substances, pollutants, or contaminants. CERCLA also imposed liability on those responsible for releases and provided the authority for the government to undertake enforcement and abatement action against responsible parties. Institutional/Engineering Controls searched. Delisted NPL sites are included.

Source: United States Environmental Protection Agency (EPA)

Database: NPL

Site: No findings within one mile.

Distance: 0 Address Zip Code City:

CERCLIS

Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS is the official repository for site and non-site specific Superfund data in support of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). It contains information on hazardous waste site assessment and remediation from 1983 to the present. CERCLIS information is used to report official Superfund accomplishments to Congress and the public, assist EPA Regional and Headquarters managers in evaluating the status and progress of site cleanup actions, track Superfund Comprehensive Accomplishments Plan (SCAP), and communicate planned activities and budgets. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CERCLIS

Site: No findings within 1/2 mile.

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NFRAP

No Further Remedial Action Planned

NFRAP Sites indicate a CERCLIS site that was designated "No further remedial action planned" by the EPA February 1995. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: NFRAP

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

RCRATSD

Resource Conservation and Recovery Information System - Treatment Storage or Disposal

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA TSD (Treatment Storage or Disposal) is a subset of the RCRIS list. RCRA TSD tracks facilities that fall under the Treatment Storage or Disposal classification.

Source: United States Environmental Protection Agency (EPA)

Database: RCRA TSD

Site: No findings within one mile.

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CORRACT

Corrective Action

CORRACT lists RCRIS (Resource Conservation and Recovery Information System) sites that are currently under corrective action. Institutional/Engineering Controls searched.

Source: United States Environmental Protection Agency (EPA)

Database: CORRACT

Site: No findings within one mile.

Distance: 0
Address
Zip Code
City:

RCRA-G

Resource Conservation and Recovery Information System - Generators

Resource Conservation and Recovery Information System (RCRIS) Under the Resource Conservation and Recovery Act (RCRA), generators, transporters, treaters, storers, and disposers of hazardous waste as defined by the federally recognized hazardous waste, are required to provide information concerning their activities to state environmental agencies, who in turn provide the information to regional and national U.S. EPA offices. The RCRA-G (Generators) list is a subset of the RCRIS list. RCRA-G tracks facilities that fall under the generators or transporters classification.

CONDITIONALLY EXEMPT SMALL QUANTITY GENERATORS (CESQG) produce less than 100 kg per month of hazardous waste. SMALL QUANTITY GENERATORS (SQG) produce at least 100 kg per month but less than 1000 kg per month of hazardous waste. LARGE QUANTITY GENERATORS (LQG) produce at least 1000 kg per month of hazardous waste. Source: United States Environmental Protection Agency (EPA)

2 Database: RCRA-G

Site: HAWLEY SANITATION

Distance: 0.046 W

Address 16988 COUNTY ROAD 476

Zip Code 75771 **City:** LINDALE

Site EPA ID: TXR000078050 - Type of site: Transporter Contact Information: JIMMY HAWLEY, PO BOX 1121 LINDALE, TX, 75771; tel. 903-882-4839 OR NAIC (North American Industrial Classification) Code(s): 562112

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ERNS

Emergency Response Notification System

ERNS supports the release notification requirements of section 103 of the Comprehensive Environmental Response Compensation, and Liability Act (CERCLA), as amended; section 311 of the Clean Water Act; and sections 300.51 and 300.65 of the National Oil and Hazardous Substances Contingency Plan. Additionally, ERNS serves as a mechanism to document and verify incident-location information as initially reported, and is utilized as a direct source of easily accessible data, needed for analyzing oil and hazardous substances spills.

Source: National Response Center (NRC)

Database: ERNS

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

TXVCP

Texas Voluntary Cleanup Program

Created under HB 2296, The Voluntary Cleanup Program (VCP) was established on 09/01/95 to provide administrative, technical, and legal reasons to promote the cleanup of tainted sites in Texas. Since future lenders and landowners get protection from liability to the State of Texas for cleanup of sites under the VCP, most of the constraints for completing real estate deals at those sites are removed. As a result, many unused or under used sites may be restored to economically productive or community beneficial uses. After cleanup, the parties get a certificate of completion from the TCEQ which states that all lenders and future land owners who are not PRP's are free from all liability to the State. Institutional/Engineering Controls searched.

Parts of the above description were taken from the TCEQ/VCP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/). The investigation phases are listed as INVESTIGATION, REMEDIATION, POST-CLOSURE, and COMPLETE. Contaminant Categories (PERC and BTEX). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXVCP

Site: No findings within 1/2 mile.

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TXIOP

Innocent Owner/Operator Program

The TX IOP, created by House Bill 2776 of the 75th Leg, provides a cert. to an innocent owner or operator if their property is contaminated as a result of a release or migration of contaminants from a source or sources not loc. on the prop., and they did not cause or contribute to the source or sources of contamination. Like the TxVCP Prog., the IOP can be used as a redevelopment tool or as a tool to add value to a contaminated prop. by providing an Innocent Owner/Operator Certificate (IOC). However, unlike the VCP release of liability, IOCs are not trans. to future owners/oper's. Future owners/oper's are eligible to enter the IOP and may rec. an IOC only after they become an owner or operator of the site.

The above description were taken from the TCEQ/IOP Website (http://www.TCEQ.state.tx.us/permitting/remed/vcp/iop.html). Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXIOP

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

TXSSF

Texas State Superfund

The Texas State Superfund database is a list of sites that the State of Texas has identified for investigation or remediation. Texas State Superfund sites are reviewed for potential upgrading to Comprehensive Environmental Response, Compensation, and Liability Information System status by the federal Environmental Protection Agency. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSSF

Site: No findings within one mile.

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TXLF

TCEQ Solid Waste Facilities

Texas Commission on Environmental Quality (TCEQ) Requires municipalities and counties to report known active and inactive landfills. Texas Landfills is a listing of solid waste facilities registered and tracked by the TCEQ Solid waste division. The facilities tracked include solid waste disposal sites as well as transfer stations and processing stations.

Source: Texas Commission on Environmental Quality (TCEQ)

2

Database: TXLF

Site: HAWLEY RECYCLING

Distance: 0.046 W

Address 16988 COUNTY ROAD 476 LINDALE, TX 75771-5637

Zip Code 75771 **City:** SMITH

Site ID: 100045 - Permit app. received date: 11/10/2004. Facility type: RESOURCE PECOVERY/RECYCLING FACILITY. Site status: ACTIVE, Permit status: ISSUED, Business type: INDIVIDUAL, Permitted acreage: N/A, Population served: Unknown, Area served: LINDALE CITY. Tons per day: N/A, Yards per day: N/A, Estimated closing date: Unknown. App. name, address, phone number: OWNOPR: Hawley Recycling, OWNOPR: PO BOX 1121 LINDALE, TX 757711121, OWNOPR: (903) 882 - 4839.

3

Database: TXLF *Not mapped*

Site: HIDE-A-WAY LAKE LANDFILL

Distance: Site Location Unknown

Address 2.5 MILES W OF JUNCTION OF US HIGHWAY 69 AND FM 16 ADJACENT

TO S SIDE OF F

Zip Code

City: SMITH

Site ID: 1154 - Permit app. received date: 10/5/1977. Facility type: SANITARY LANDFILL FOR BRUSH AND/OR CONSTRUCTION-DEMOLITION MATERIAL, MONTHLY COVER REQUIRED. Site status: CLOSED, Permit status: REVOKED, Business type: 03, Permitted acreage: 5, Population served: 400, Area served: HIDE A WAY LAKE. Tons per day: 1, Yards per day: Unknown, Estimated closing date: 10/1/1982. App. name, address, phone number: OWNOPR: Hide-A-Way Lake Club, Inc., OWNOPR: RR 4 BOX 743 LINDALE, TX 757719804, OWNOPR: (214) 882 - 6151.



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4

Database: TXLF *Not mapped*
Site: CITY OF LINDALE LANDFILL

Distance: Site Location Unknown

Address 3.5 MILES W OF LINDALE ON FM 16 LINDALE, TX

Zip Code

City: SMITH

Site ID: 529 - Permit app. received date: 3/24/1975. Facility type: SANITARY LANDFILL, DAILY COVER REQUIRED(POPULATION EQUIVALENT SERVED EXCEEDS 5,000 PEOPLE). Site status: CLOSED, Permit status: REVOKED, Business type: CITY, Permitted acreage: 28.262, Population served: 2000, Area served: LINDALE HIDEAWAYLK. Tons per day: 20, Yards per day: Unknown, Estimated closing date: 3/1/1978. App. name, address, phone number: OWNOPR: City of Lindale, OWNOPR: PO BOX 130 LINDALE, TX 757710130, OWNOPR: (214) 882 - 3422.

LFUN

Unauthorized and Unpermitted Landfill Sites

Unauthorized sites have no permit and are considered abandoned. All information about these sites was compiled by Southwest Texas State University under contract with TCEQ and is based on a search of publicly available records.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: LFUN

Site: No findings within 1/2 mile.



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TXLUST

Leaking Underground Storage Tanks

State lists of leaking underground storage tank sites. Section 9003(h) of Subtitle I of RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXLUST

Site: No findings within 1/2 mile.

Distance: 0 Address Zip Code City:

TXUST

Texas Underground Storage Tanks

Underground Storage Tanks - Permitted underground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

1

Database: TXUST

Site: MEA NURSERY

Distance: 0.077 SE

Address N HWY 69

Zip Code 75771

City: LINDALE

Facility ID number 0049341, TCEQ unit ID number 00128109, tank ID number 1,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128110, tank ID number 2,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0002000 Tank is currently removed from ground. Tank compartments: Compartment A: Gasoline. Capacity 0002000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

Facility ID number 0049341, TCEQ unit ID number 00128111, tank ID number 3,date installed (MMDDYYYY) Unknown, total capacity in gallons: 0006000 Tank is currently removed from ground. Tank compartments: Compartment A: Diesel. Capacity 0006000 gal The tank construction is of steel. The owner of the facility is MEA NURSERY, the telephone number listed for the owner is 9038823164.

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TXAST

Texas Above Ground Storage Tanks

Aboveground Storage Tanks - Permitted aboveground storage tanks tracked and maintained by the Texas Commission on Environmental Quality (TCEQ).

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXAST

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

TXSPILL

Texas Spills List

Texas Commission on Environmental Quality (TCEQ) tracks cases where emergency response is needed for cleanup of toxic substances.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: TXSPILL

Site: No findings within 1/4 mile.

Distance: 0 Address Zip Code City:

BRNFD

Brownfield

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Institutional/Engineering Controls searched.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: BRNFD

Site: No findings within 1/2 mile.

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DRYC

Dry Cleaner

House Bill 1366 requires all dry cleaning drop stations and facilities in Texas to register with Texas Commission on Environmental Quality (TCEQ) and implement new performance standards at their facilities as appropriate. It also requires distributors of dry cleaning solvents to collect fees on the sale of dry cleaning solvents at certain facilities.

Source: Texas Commission on Environmental Quality (TCEQ)

Database: DRYC

Site: No findings within 1/2 mile.

Distance: 0
Address
Zip Code
City:

IRUST

Indian Reservation Underground Storage Tanks

All Appropriate Inquiries (AAI) rule has requested that Underground Storage Tanks on Indian Land be included in any ESA that is affected. Permitted Underground Storage Tanks on Indian Land are tracked and maintained by the EPA.

Source: United States Environmental Protection Agency (EPA)

Database: IRUST

Site: No findings within 1/4 mile.

TelALL Zip Index

The following zip codes, are the zip codes that TelALL used for generating the preceding report. The information is provided to help our customers make the most thorough data evaluation possible. Lat/Lon. info is provided to assist in locating sites.Lat/Lon info that is listed as "0" indicates that the site has not been geocoded. This does not indicate that the site is an orphan or was not evaluated by TelALL's research personnel.



	ERNS	4	RCRA-G	2	TXAST	12
	TXLUST	4	TXSPILL	4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDR	ESS	CITY	LATITUDE LONGITUDE
	•	·			·	

75704	ERNS	COUNTRY PLACE MOBILE HOME	15537 HWY 64 WEST	TYLER	32.365049	-95.426696
		MJ CRUISERS	11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
			11930 COUNTY ROAD 4163	TYLER	32.387288	-95.364626
	RCRA-G	TRANSPORTATION SECURITY AD	700 SKYWAY BLVD SUITE 102	TYLER	0	0
		WAL-MART STORES TEXAS LLC	3820 HIGHWAY 64 W	TYLER	32.341738	-95.358726
	TXAST	BECKAT OIL & FUEL LP	12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
			12426 HIGHWAY 64 W	TYLER	32.358795	-95.3729221
		BENETTE FREIGHT	12126 HIGHWAY 64 W	TYLER	32.358311	-95.3670841
		JET CENTER OF TYLER	209 AIRPORT DR	TYLER	32.360654	-95.396357
			209 AIRPORT DR	TYLER	32.360654	-95.396357
		LONGVIEW BRIDGE & ROAD 0616	233 AIRPORT DR	TYLER	32.361388	-95.3961852
		TYLER AERO	1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
			1320 CR 1143	TYLER	32.358233	-95.390837
	TXLUST	DARR EQUIPMENT CO	W HWY 31	TYLER	32.350495	-95.312711
		FOOD FAST 57	11812 W HWY 64	TYLER	32.357691	-95.362243
		STOP N SHOP	W HWY 64	TYLER	32.350481	-95.319384
		TYLER AERO	W POUNDS FIELD HWY 64	TYLER	32.350481	-95.319384
	TXSPILL	Bob Jefreys	Kirby Station Located on HWY 64 West	Tyler		
			Kirby Station Located on HWY 64 West	Tyler		
		CITY OF TYLER	located at 14939 County Road 46, appr	TYLER	0	0
		EXECUTIVE AVIATION	FUEL DEPOT, TYLER POUNDS FIELD	TYLER		
	TXUST	CLARENCE YOUNG PROPERTY	301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
			301 E FRONT ST	TYLER	32.346475	-95.2981473
		DIXIE VOL FIRE DEPT	DIXIE DR S OF HWY 64 W	TYLER	32.398602	-95.4149003
		FOOD FAST 54	6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
			6424 S BROADWAY AVE	TYLER	32.279301	-95.305679
		FOOD FAST 57	11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
			11812 STATE HIGHWAY 64 W	TYLER	32.358428	-95.362026
		HOLLAND AIRCRAFT ENGINE SER	General Delivery	TYLER	32.398602	-95.4149003
		HTC RANCH	General Delivery	TYLER	32.398602	-95.4149003
		JOHNNY MILLER STATION	HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
			HWY 64 W	TYLER	32.363036	-95.420204
		JOHNSON AVIATION	353 AIRPORT RD	TYLER	32.362525	-95.4027129
			353 AIRPORT RD	TYLER	32.362525	-95.4027129



		Databas	e count for 75704		
	ERNS	4 RCF	RA-G 2	TXAST	12
	TXLUST	4 TXS	SPILL 4	TXUST	43
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE LONGITUDE
75704	TXUST	KIDD JONES 8	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
75704	17001	NIBB CONEC C	11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
			11421 HIGHWAY 64 W	TYLER	32.354467 -95.347917
		MEWBOURNE AVIATION DEPART	704 CR 1143	TYLER	32.360303 -95.3909773
			704 CR 1143	TYLER	32.360303 -95.3909773
		MINUTE STOP 1	11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
			11874 STATE HWY 64 W	TYLER	32.357838 -95.3631737
		NATIONAL CAR RENTAL	150 AIRPORT DR	TYLER	32.360089 -95.3989967
		STOP N SHOP	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			HWY 64 W	TYLER	32.363036 -95.420204
			HWY 64 W	TYLER	32.363036 -95.420204
		TYLER TURBINE SALES	1862 CR 1143	TYLER	32.356400 -95.3908186
			1862 CR 1143	TYLER	32.356400 -95.3908186
		TYLER TYR ATCT	POUNDS FIELD	TYLER	32.353889 -95.402222
		USA FOODS	General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003
			General Delivery	TYLER	32.398602 -95.4149003

Database count for 75706							
	CERCLIS		RRACT 1	ERNS	1		
	RCRA TSD	2 RCI	RA-G 4	TXAST	20		
	TXLUST	2 TXS	SPILL 12	TXUST	76		
FACZIP	DATABASE	SITENAME	ADDRESS	CITY		LONGITUDE	
	DATABAGE	SHERAME	ADDICESS	CITT	LAIIIODL	LONGITODE	
	0550110	FM 4.4 DDI IM CITE	40.40 FM 4.4	TVLED	20.0044	05.0050	
75706	CERCLIS	FM 14 DRUM SITE	4942 FM 14	TYLER	32.3911 32.418594	-95.2853	
	CORRACT	TYLER PIPE COMPANY A DIVISIO TYLER PIPE COMPANY	11721 US HIGHWAY 69 N SEE BELOW ADDRESS11721 US HIG	TYLER	32.418394	-95.354949 0	
	ERNS	TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	RCRA TSD	TILER FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	RCRA-G	EAGLE CONSTRUCTION AND ENV		TYLER	32.463061	-95.3864925	
	KCKA-G	TARGET REGIONAL DISTRIBUTIO	13786 HARVEY ROAD	TYLER	32.465929	-95.4182968	
		TYLER PIPE COMPANY A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
		TILLY FIFE COMPANT A DIVISIO	11721 US HIGHWAY 69 N	TYLER	32.463061	-95.3864925	
	TXAST	FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689	
	IXASI	JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204	
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204	
		OIL TRANSPORT	419 E NORTHEAST LOOP 323	TYLER	32.388318		
		PUMPCO	11126 CR 490			-95.28281	
		STATES ENVIRONMENTAL OIL SE		TYLER	32.410771	-95.3491731	
		STATES ENVIRONMENTAL OIL SE	CR 489	TYLER TYLER	32.414456 32.414456	-95.34252	
						-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
			CR 489	TYLER	32.414456	-95.34252	
		CTDIDING TECHNIQUOOV	CR 489	TYLER	32.414456	-95.34252	
		STRIPING TECHNOLOGY	10112 CR 489	TYLER	32.411991	-95.3424519	
		TRANSIT N PLANT 2069	9041 HIGHWAY 69 N	TYLER	32.404027	-95.348741	
		TYLER ASPHALT	CR 489	TYLER	32.414456	-95.34252	
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652	
		WILSON-RILEY	9149 HWY 69 N	TYLER	32.466513	-95.387689	
			9149 HWY 69 N	TYLER	32.466513	-95.387689	
	T) (() (OT	IOLININIVO CARACE CLOSER	9149 HWY 69 N	TYLER	32.466513	-95.387689	
	TXLUST	JOHNNYS GARAGE CLOSED	110 N CLAYTON	TYLER	32.351186	-95.284367	
	TV00# 1	NU WAY OIL STORE 11135	11135 HWY 69	TYLER	32.428764	-95.363527	
	TXSPILL	BAKER HUGHES ATLAS	FM 95, 1/8 MI SOUTH OF THE INTERS	•			
		EED EDITORING OO	FM 95, 1/8 MI SOUTH OF THE INTERS	•			
		EFB TRUCKING CO.	HWY 69 N.	TYLER	00 450475	05 005005	
		ELDORADO CHEMICAL	I-20 AT MILE MARKER 517 ALONG TH	•	32.453475	-95.285985	
		CENERIC INCIDENT PRINCIPAL	I-20 AT MILE MARKER 517 ALONG TH		32.453475	-95.285985	
		GENERIC INCIDENT PRINCIPAL	GENERIC INCIDENT ZIP CODE 75706		0	0	
		LETOURNEAU, INC MCWANE INC	ON LETOURNEAU PLANT W OF HIG 11721 US HIGHWAY 69 N TYLER TX		0	0	
		STOVALL FERTILIZER					
		STOVALL FERTILIZER	INTERSECTION FM 279 @ FM 2010, INTERSECTION FM 279 @ FM 2010,	Tyler	32.3671	-95.4377 05.4377	
		LIDS / Total Datroloum		Tyler	32.3671	-95.4377	
		UDS / Total Petroleum	3512 S Main St # 69 3512 S Main St # 69	Tyler	32.4421	-95.3668 -95.3668	
	TYLIST	RD RAPNES		Tyler	32.4421	-95.3668 -05.3311652	
	TXUST	BP BARNES	General Delivery	TYLER	32.447338	-95.3311652	
			General Delivery	TYLER	32.447338	-95.3311652 -05.3311652	
		CO-OPERATIVE ROSE GROWERS	General Delivery	TYLER	32.447338	-95.3311652	
		50-OF LIVATIVE ROSE GROWERS		TYLER	32.463199	-95.3833499	
			US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499	
		DAVIS COFFEE	US HWY 69 NORTH ROUTE	TYLER	32.463199	-95.3833499 05.3311652	
		DAVIS COFFEE	General Delivery	TYLER	32.447338	-95.3311652	
						TM	



Database count for 75706							
	CERCLIS	1	CORRACT 1	ERNS	1		
	RCRA TSD	2	RCRA-G 4	TXAST	20		
	TXLUST	2	TXSPILL 12	TXUST	76		
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE	
75706	TXUST	DAY & NIGHT 82	13341 I 20 W	TYLER	32.469976	-95.358621	
73700	17.001	2711 011110111 02	13341 I 20 W	TYLER	32.469976	-95.358621	
			13341 I 20 W	TYLER	32.469976	-95.358621	
			13341 I 20 W	TYLER	32.469976	-95.358621	
		FRANK HOLEY NURSERY	12999 CR 433	TYLER	32.455716	-95.4208062	
		FWA TRANSPORTATION	HWY 69 N	TYLER	32.466513	-95.387689	
			HWY 69 N	TYLER	32.466513	-95.387689	
		JIM HOGG ROAD TEXACO	12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			12108 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
		JOE EDDIE HITT	390 CR 313 W	TYLER	32.488340	-95.2824578	
			390 CR 313 W	TYLER	32.488340	-95.2824578	
		JOHN SOULES FOODS	10150 FM 14	TYLER	32.410384	-95.276204	
		KIDD JONES 10	13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
			13411 INTERSTATE 20 W	TYLER	32.469976	-95.358621	
		KING MART 2	8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
			8175 US HIGHWAY 69 N	TYLER	32.400512	-95.341792	
		LOFT BAR B Q	I 20 & HWY 14	TYLER	31.311986	-96.6303878	
			I 20 & HWY 14	TYLER	31.311986	-96.6303878	
		PAYLESS GAS 620	1201 SPEIGHT	WACO	31.539819	-97.125406	
			1201 SPEIGHT	WACO	31.539819	-97.125406	
		PILOT TRAVEL CENTER 486	12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
			12881 FM 14	TYLER	32.451744	-95.284507	
		RABIAS MART	11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
			11369 US HIGHWAY 69 N	TYLER	32.430246	-95.365414	
		ROBERT C JACKSON	12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
			12816 FM 14	TYLER	32.45133	-95.281892	
		CAND ELANT UNIT	12816 FM 14	TYLER	32.45133	-95.281892	
		SAND FLANT UNIT	FM 14 10MI S OF TYLER	TYLER	32.447338	-95.3311652	
		SEXTON ROSES	10076 US HIGHWAY 69 N	TYLER	32.410839	-95.346997	
		STATE PARK GROCERY	14910 FM 14	TYLER	32.481922	-95.279267	
			14910 FM 14	TYLER	32.481922	-95.279267	
		TVI ED ELIEL DI AZA	14910 FM 14	TYLER	32.481922	-95.279267	
		TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236	
			3512 S MAIN ST	TYLER	32.469338	-95.387236	
			3512 S MAIN ST	TYLER	32.469338	-95.387236	



		Databas	e count for 75706			
	CERCLIS	1 CO	RRACT 1	ERNS	1	
	RCRA TSD	2 RC	RA-G 4	TXAST	20	
	TXLUST	2 TXS	SPILL 12	TXUST	76	
FACZIP						
FACZIF	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75706	TXUST	TYLER FUEL PLAZA	3512 S MAIN ST	TYLER	32.469338	-95.387236
70700			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
			3512 S MAIN ST	TYLER	32.469338	-95.387236
		TYLER STATE PARK	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		UNITED FUEL & ENGERGY SFS Y	10449 HWY 69 N	TYLER	32.466513	-95.387689
			10449 HWY 69 N	TYLER	32.466513	-95.387689
		UNITY 6	General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
			General Delivery	TYLER	32.447338	-95.3311652
		WILSON-RILEY	General Delivery	TYLER	32.447338	-95.3311652
		YELLOW TRANSPORTATION	3722 N NORTHEAST LOOP 32	23 TYLER	32.385972	-95.268706

		<u>Database</u>	e count for 75771			
	DRYC	3 RCF	RA-G 2	TXAST	8	
	TXLF	1 TXL	UST 16	TXSPILL	8	
	TXUST	94				
FACZIP		-	4000000	OLTY	LATITUDE	LONGITUDE
TAOZII	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	DRYC	LINDALE CLEANERS	1406 S MAIN ST	LINDALE	32.502648	-95.406198
			FM 849 @ I 20	LINDALE	32.516287	-95.4004723
		VIP CLEANERS - LINDALE	903A S MAIN ST	LINDALE	32.507728	-95.4081199
	RCRA-G	HAWLEY SANITATION	16988 COUNTY ROAD 476	LINDALE	32.514803	-95.445846
		WAL-MART STORES TEXAS LLC	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503
	TXAST	LOWES OF LINDALE TX 1965	3200 S MAIN ST	LINDALE	32.474752	-95.3911366
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
	7.4.5	LIAMI EV PEOVOLINO	605 BRAD CIR	LINDALE	32.506138	-95.4055929
	TXLF	HAWLEY RECYCLING	16988 COUNTY ROAD 476 LINDALE,		32.51611	-95.44583
	TXLUST	ABANDONED STATION GILLIS FA	CR 445 GARDEN VALLEY COMMUNI		32.5372	-95.5274
		ALLEN CANNING CO	200 NORTH ST	LINDALE	32.517312	-95.411261
		BILL PARROTT	COOPER ST @ HWY 69	LINDALE	32.510194	-95.40927
		CHEVRON CORNER MARKET CITY OF LINDALE	147 I H 20 201 N MAIN	LINDALE	32.46875	-95.447543
		HIDE A WAY LAKE CLUB MARINA	HIDE A WAY LN W	LINDALE	32.5129 32.4841	-95.4341 -95.4638
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.5129	-95.4341
		LOVES COUNTRY STORE 225	120 @ HWY 110	LINDALE	32.46875	-95.447543
		M & M TRUCK STOP	310 N MAIN ST	LINDALE	32.517701	-95.409966
		NUWAY FFP 247	907 S MAIN	LINDALE	32.5129	-95.4341
		RITE TRACK 9	18562 FM 14	LINDALE	32.532	-95.2711
		ROAD RUNNER 109	IH 20 @ HWY 69 N	TYLER	32.453475	-95.285985
		RUNNING W TRUCK STOP	24782 W IH 20	LINDALE	32.499716	-95.584357
		SMITH COUNTY ROAD DEPT LIND		LINDALE	32.533	-95.4084
		TEXACO SERVICE STATION	IH 20 @ HWY 69	LINDALE	32.46875	-95.447543
		TOTAL STORE 4539	3512 S MAIN ST	LINDALE	32.469373	-95.387801
	TXSPILL	ALLEN CANNING CO.	PLATFORM SCALE AREA, LINDALE P	LINDALE		
		DORA BRYANT	COUNTY RD. 433, 0.5 MI S OF FM 849	LINDALE	32.493992	-95.421729
		GATEWAY FENCE CO.	18552 HWY 69 N, LINDALE,TX 75771	LINDALE		
			18552 HWY 69 N. LINDALE	LINDALE		
		MEGA GULF COAST LINES INC	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
		Quality Liquid Feeds	Corner of Houston & Jackson Streets, S	Lindale		
			Corner of Houston & Jackson Streets, S	Lindale		
		TEXAS DEPARTMENT OF TRANSP	GENERIC INCIDENT ZIP CODE 75771	LINDALE	0	0
	TXUST	882 CO LINDALE SWAN	HWY 69	LINDALE	32.509009	-95.408851
		ABANDONED STATION	CR 445	GARDEN VALL	32.544846	-95.5251648
		ALLEN CANNING COMPANY	200 W NORTH ST	LINDALE	32.517351	-95.4112136
			200 W NORTH ST	LINDALE	32.517351	-95.4112136
		ARMADILLO COUNTRY STORE 17	24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			24782 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		BOBBY L WELLS	RT 3	LINDALE	30.867659	-94.6943444
		BORAL HENDERSON CLAY PROD	General Delivery	LINDALE	32.515697	-95.4093998
		PROOKSHIPE CROCERY 2	General Delivery	LINDALE	32.515697	-95.4093998
		BROOKSHIRE GROCERY 3	521 S MAIN ST	LINDALE	32.509666	-95.408515
						TM



		Databas	e count for 75771			
	DRYC	· · · · · · · · · · · · · · · · · · ·	RA-G 2	TXAST	8	
	TXLF	1 TXL	UST 16	TXSPILL	8	
	TXUST	94				
E407ID	17031	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
75771	TXUST	CITY OF LINDALE	201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
			201 N MAIN ST	LINDALE	32.517128	-95.4099647
		CREWS N BUY MART	907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
			907 S MAIN ST	LINDALE	32.507112	-95.408526
		GARDEN VALLEY GOLF CLUB	22049 FM 1995	LINDALE	32.483715	-95.53998
			22049 FM 1995	LINDALE	32.483715	-95.53998
		GOLF COURSE MAINT BARN	SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
			SERVICE TO IH 20 RD	LINDALE	32.515697	-95.4093998
		HIDE-A-WAY CLUB MARINA	1259 HIDEAWAY LN W	HIDEAWAY	32.49923	-95.453897
		KEN WILLIAMS EXXON	206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
			206 S MAIN HWY 69	LINDALE	32.515697	-95.4093998
		KIDD JONES LINDALE	303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
			303 S MAIN ST	LINDALE	32.513376	-95.4091981
		LAST DAYS EVANGELICAL ASSO	General Delivery	LINDALE	32.515697	-95.4093998
		LINDALE PLANT	HWY 69	LINDALE	32.509009	-95.408851
			HWY 69	LINDALE	32.509009	-95.408851
		LINDALE STATE BANK	107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
			107 N MAIN ST	LINDALE	32.516180	-95.4097615
		LINDALE TXD980598999	2 5 MI NE OF LINDALE	LINDALE	32.515697	-95.4093998
		LOVES COUNTRY STORE 225	I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
			I 20 & SR 110	LINDALE	32.515697	-95.4093998
		M & M TRUCK STOP	310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
			310 N MAIN	LINDALE	32.51822	-95.410571
		MAINTENANCE GARAGE	BOYD ST	LINDALE	32.510078	-95.4126511
		MEA NURSERY	N HWY 69	LINDALE	32.541852	-95.419957
			N HWY 69	LINDALE	32.541852	-95.419957
			N HWY 69	LINDALE	32.541852	-95.419957
		MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		MONTH OOM 1200	2010 O IVIAIIN O1	LINDALL	JZ. 7 04313	33.3300300

			se count for 75771			
	DRYC	3 R0	CRA-G 2	TXAST	8	
	TXLF	1 T>	KLUST 16	TXSPILL	8	
	TXUST	94				
FACZIP	DATABASE	SITENAME	ADDRESS	CITY	LATITUDE	LONGITUDE
						
75771	TXUST	MURPHY USA 7255	2318 S MAIN ST	LINDALE	32.484913	-95.3968308
		POPS FUEL STOP	802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
			802 N MAIN	LINDALE	32.523784	-95.411955
		QUIX 493 COUNTRY STORE	17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			17080 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		R OASIS	14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
			14773 STATE HIGHWAY 110 N	LINDALE	32.482386	-95.52266
		R TIGER EXPRESS	21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
			21126 INTERSTATE 20 W	LINDALE	32.487786	-91.9773831
		RACETRAC 406	3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
			3318 S MAIN ST	LINDALE	32.471523	-95.388882
		RITE TRACK 9	18562 FM 14	LINDALE	32.535563	-95.270554
			18562 FM 14	LINDALE	32.535563	-95.270554
		SMITH CO PRECINCT FOUR	CR 4112	LINDALE	32.529091	-95.4091575
			CR 4112	LINDALE	32.529091	-95.4091575
		STUCKEYS	I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
			I 20 & HWY 110	LINDALE	32.515697	-95.4093998
		TRANSPORTATION GARAGE	605 BRAD CIR	LINDALE	32.506138	-95.4055929
		TWIN OAKS RANCH	W HWY 16	LINDALE	32.515697	-95.4093998
		VACANT	HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
			HWY 69 & COOPER	LINDALE	32.510226	-95.4085983
		VACANT STORE	910 S MAIN ST	LINDALE	32.507684	-95.4081115
			910 S MAIN ST	LINDALE	32.507684	-95.4081115
		WAL-MART SUPERCENTER 3764	105 CENTENNIAL BLVD	LINDALE	32.475626	-95.389503